

Converting Colors

XYZ(78.4093, 91.7556, 93.0244)

Have a look what the booklet for
XYZ(78.4093, 91.7556, 93.0244)
contains.

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Color

**XYZ(78.3409, 91.7223,
92.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFEC
RGB	213, 255, 236
RGB Percent	84%, 100%, 93%
CMY	0.1647, 0.0000, 0.0745
CMYK	0.16, 0.00, 0.07, 0.00
HSL	153°, 100%, 92%
HSV	153°, 16%, 100%
XYZ	78.3409, 91.7223, 92.9320
YIQ	240.2760, -18.9330, -14.8130

Conversions

Conversions Part 2

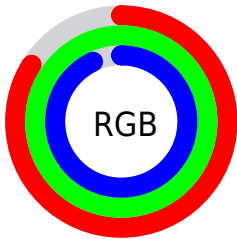
Format	Color
R_{YB}	213, 240, 255
Decimal	14024684
CIE _{Lab}	96.71, -17.01, 4.61
CIE _{LCh}	97, 17.619, 164.838
Yxy	91.7223, 0.2979, 0.3488
Android (android.graphics.Color)	4292214764 (0xFFD5FFEC)
YUV	240.2760, -2.1081, -23.9211
Hunter-Lab	95.7718, -21.5883, 9.5083

Details

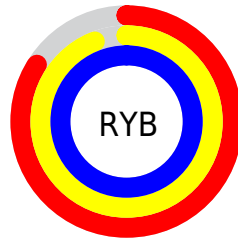
The XYZ color **78.3409, 91.7223, 92.9320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6003, 74.6757, 86.5625**, and the grayscale version is **83.0668, 87.3928, 95.1707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5329, 50.9526, 50.7731** is the 20% darker color. If you saturate the color by 10%, you get **69.8945, 87.5554, 84.0693**, and if you desaturate by 10%, it is **88.0602, 96.5328, 102.4222**.

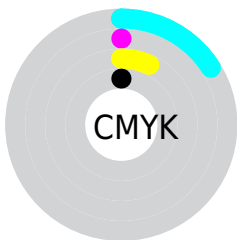
Distribution



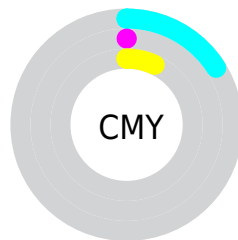
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3409, 91.7223, 92.9320 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.3409, 91.7223, 92.9320 by changing the saturation by 10% instead.


 78.3409, 91.7223,
92.9320

 78.3409, 91.7223,
92.9320


478.1459,
533.6176, 558.3374

 58.6578, 69.4100,
69.8276


129.9934,
149.7284, 153.3754

 42.5830, 51.0457,
50.9101


162.6935,
186.1911, 191.5514

 29.7512, 36.2450,
35.7608


200.4634,
228.1393, 235.5885

 19.7969, 24.6234,
23.9613

243.6683,
275.9575, 285.9051

 12.3549, 15.7967,
15.0930

292.6737,
330.0300, 342.9197

 7.0598, 9.3804,
8.7373

347.8448,

 3.5462, 4.9901,

390.7413, 407.0509

4.4758

409.5471,
458.4757, 478.7173

■ 1.4488, 2.2415,
1.8898

■ 0.2906, 0.7425,
0.4862

■ 78.3409, 91.7223,
92.9320

■ 78.3409, 91.7223,
92.9320

■ 69.8945, 87.5554,
84.0693

■ 88.0602, 96.5328,
102.4222

■ 62.6622, 84.0022,
75.8166

95.0500, 100.0000,
108.9000

■ 56.5844, 81.0321,
68.1616

■ 51.5949, 78.6113,
61.0899

■ 47.6207, 76.7023,
54.5865

■ 44.5793, 75.2630,
48.6356

■ 42.3743, 74.2438,
43.2202

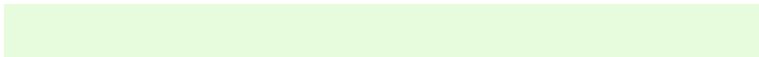
■ 40.8854, 73.5832,
38.3218

■ 40.4677, 73.4031,
36.7106

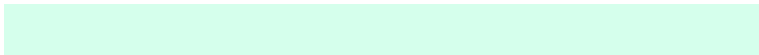
Harmonies

Analogous

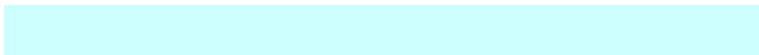
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6607, 91.7223, 81.8189



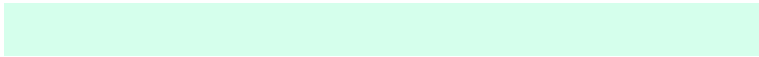
78.3409, 91.7223, 92.9320



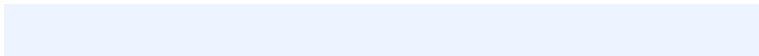
78.3280, 91.7223, 106.9893

Triad

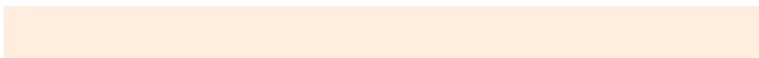
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3409, 91.7223, 92.9320



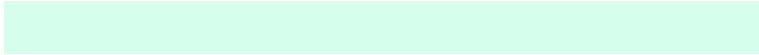
89.6310, 91.7223, 128.4982



94.0799, 91.7223, 81.9142

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



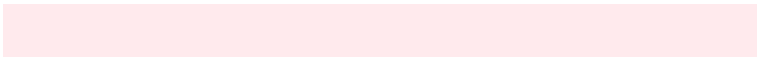
78.3409, 91.7223, 92.9320



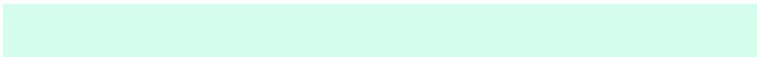
79.6003, 74.6757, 86.5625

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.6735, 91.7223, 93.0737



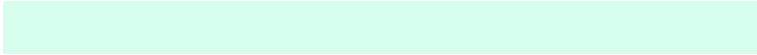
78.3409, 91.7223, 92.9320



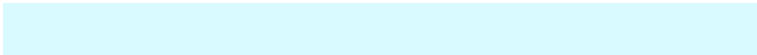
94.0399, 91.7223, 120.3981

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3409, 91.7223, 92.9320



84.7218, 91.7223, 128.4511



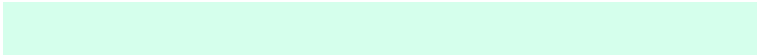
96.6586, 91.7223, 107.1450



89.6838, 91.7223, 75.8780

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



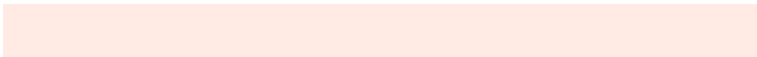
78.3409, 91.7223, 92.9320



79.6234, 91.7223, 116.2059



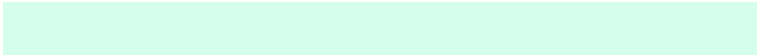
96.6586, 91.7223, 107.1450



95.1986, 91.7223, 85.1416

Sweetspot

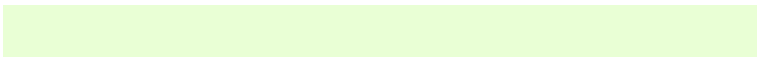
The Sweet Spot groups the original color and five complimentary colors.



78.3417, 91.7227, 92.9335



89.5990, 97.2956, 103.8703



81.2447, 93.5808, 76.7329



19.0196, 20.7468, 22.0840



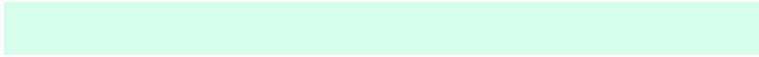
0.0000, 0.0000, 0.0000



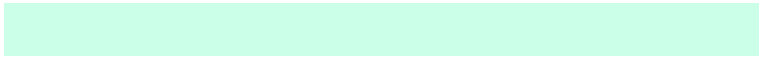
20.3446, 21.4041, 23.3091

Same Dimension

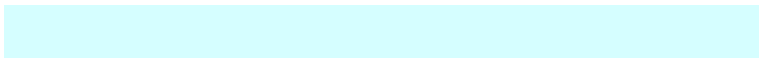
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3417, 91.7227, 92.9335



75.2173, 90.1796, 89.7336



80.8062, 91.9965, 108.1059



18.1878, 20.3346, 21.2919



21.2216, 38.3852, 19.5843



2.1214, 3.7595, 2.1971

Inverse Universe

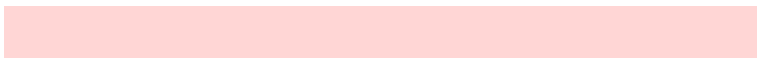
The Inverse Universe completely reimagines the original color for something new.



79.6003, 74.6757, 86.5625



76.7077, 69.9957, 82.1915



77.3989, 74.3610, 73.2258



18.3510, 18.1237, 20.4655



23.2493, 11.7890, 9.9631



2.3179, 1.1695, 1.2555

Previews

White Background



This preview shows how the XYZ color 78.3409, 91.7223, 92.9320 looks on a white background.

Color Contrast Check

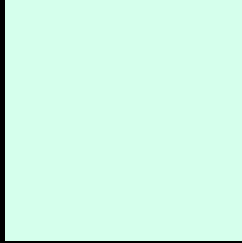
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.3409, 91.7223, 92.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

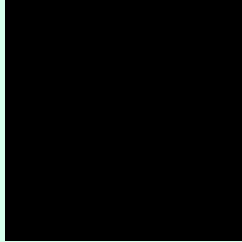
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

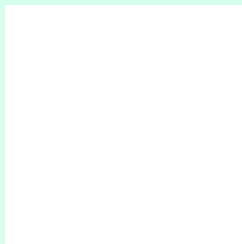
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3409, 91.7223, 92.9320

Background



This preview shows how black text looks on a background with the XYZ color 78.3409, 91.7223, 92.9320.



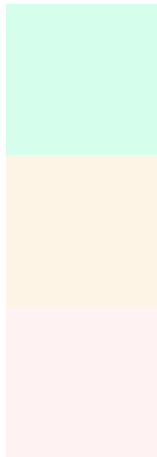
This preview shows how white text looks on a background with the XYZ color 78.3409, 91.7223,

92.9320.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.3409, 91.7223, 92.9320

Protanopia

87.1416, 91.2972, 87.8922

Deuteranopia

89.1698, 91.2353, 97.7044



Tritanopia

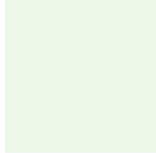
85.5717, 91.4037, 107.7403

Trichromacy



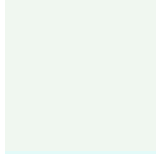
Original Color

78.3409, 91.7223, 92.9320



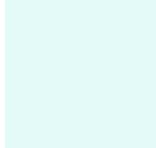
Protanomaly

83.3928, 91.1381, 89.5401



Deuteranomaly

84.9241, 91.3381, 95.5921



Tritanomaly

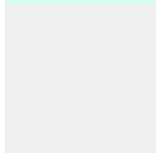
82.8074, 91.4794, 102.0998

Monochromacy



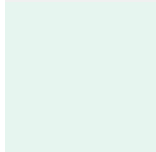
Original Color

78.3409, 91.7223, 92.9320



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.8655, 88.3598, 94.4544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3409, 91.7223, 92.9320 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 78.3409, 91.7223, 92.9320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 255, 236) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 255, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3409, 91.7223, 92.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
255, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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