

Converting Colors

XYZ(82.8660, 100.0000,
94.5703)

Have a look what the booklet for
XYZ(82.8660, 100.0000, 94.5703)
contains.

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Color

**XYZ(78.9247, 92.0232,
92.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFEC
RGB	215, 255, 236
RGB Percent	84%, 100%, 93%
CMY	0.1569, 0.0000, 0.0745
CMYK	0.16, 0.00, 0.07, 0.00
HSL	152°, 100%, 92%
HSV	152°, 16%, 100%
XYZ	78.9247, 92.0232, 92.9594
YIQ	240.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

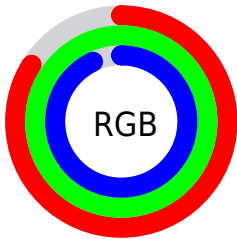
Format	Color
R_{YB}	215, 241, 255
Decimal	14155756
CIE _{Lab}	96.83, -16.37, 4.80
CIE _{LCh}	97, 17.064, 163.656
Yxy	92.0232, 0.2991, 0.3487
Android (android.graphics.Color)	4292345836 (0xFFD7FFEC)
YUV	240.8740, -2.4029, -22.6915
Hunter-Lab	95.9287, -21.0156, 9.6953

Details

The XYZ color **78.9247, 92.0232, 92.9594** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.3923, 75.8025, 88.2363**, and the grayscale version is **83.5380, 87.8885, 95.7105**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9295, 51.1570, 50.7917** is the 20% darker color. If you saturate the color by 10%, you get **70.3107, 87.7790, 83.6801**, and if you desaturate by 10%, it is **88.8268, 96.9177, 102.9249**.

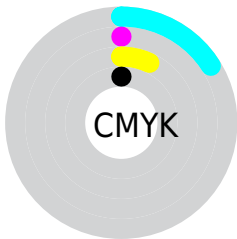
Distribution



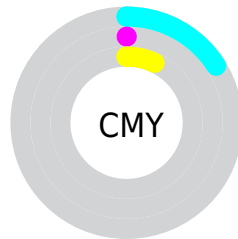
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (95%)
- 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 78.9247, 92.0232, 92.9594 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 78.9247, 92.0232, 92.9594 by changing the saturation by 10% instead.


 78.9247, 92.0232,
92.9594

 78.9247, 92.0232,
92.9594

480.0935,
534.5905, 558.4280

 59.1393, 69.6599,
69.8503


130.8113,
150.1455, 153.4136

 42.9721, 51.2493,
50.9284


163.6433,
186.6734, 191.5958

 30.0576, 36.4071,
35.7753


201.5548,
228.6915, 235.6394

 20.0306, 24.7487,
23.9724

244.9113,
276.5843, 285.9630

 12.5257, 15.8900,
15.1011

294.0780,
330.7363, 342.9851

 7.1775, 9.4463,
8.7430

349.4204,

 3.6207, 5.0334,

391.5317, 407.1243

4.4794

411.3038,
459.3549, 478.7991

■ 1.4899, 2.2669,
1.8919

■ 0.3189, 0.7561,
0.4875

■ 78.9247, 92.0232,
92.9594

■ 78.9247, 92.0232,
92.9594

■ 70.3107, 87.7790,
83.6801

■ 88.8268, 96.9177,
102.9249

■ 62.9260, 84.1550,
75.0677

95.0500, 100.0000,
108.9000

■ 56.7109, 81.1207,
67.1082

■ 51.5994, 78.6425,
59.7854

■ 47.5189, 76.6831,
53.0824

■ 44.3873, 75.2004,
46.9815

■ 42.1089, 74.1456,
41.4635

■ 40.5660, 73.4584,
36.5078

■ 40.0548, 73.2379,
34.5360

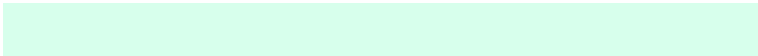
Harmonies

Analogous

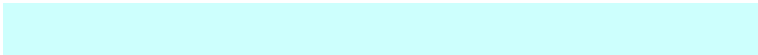
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2623, 92.0232, 82.3059



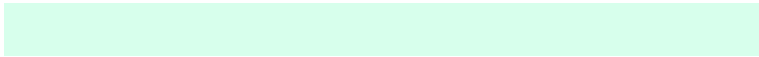
78.9247, 92.0232, 92.9594



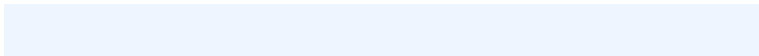
78.8204, 92.0232, 106.5526

Triad

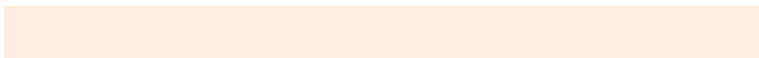
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9247, 92.0232, 92.9594



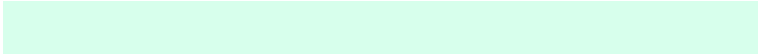
89.6570, 92.0232, 128.0657



94.2969, 92.0232, 83.0754

Complementary

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



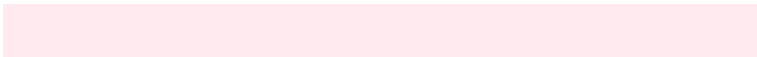
78.9247, 92.0232, 92.9594



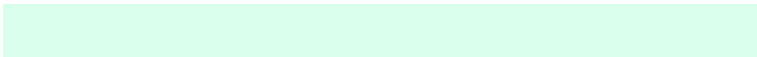
80.3923, 75.8025, 88.2363

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.



96.7203, 92.0232, 94.1005



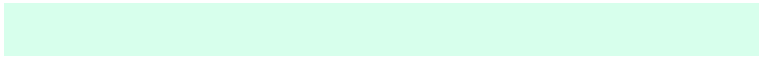
78.9247, 92.0232, 92.9594



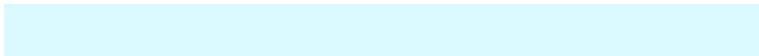
93.9762, 92.0232, 120.5107

Square

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



78.9247, 92.0232, 92.9594



84.9000, 92.0232, 127.6891



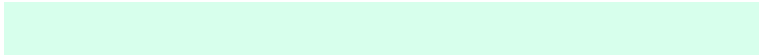
96.6008, 92.0232, 107.8021



90.0818, 92.0232, 76.9657

Rectangle

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



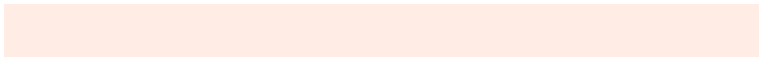
78.9247, 92.0232, 92.9594



80.0234, 92.0232, 115.5326



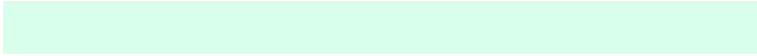
96.6008, 92.0232, 107.8021



95.3548, 92.0232, 86.2835

Sweetspot

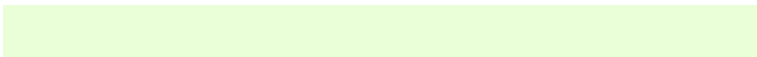
The Sweet Spot groups the original color and five complimentary colors.



78.9256, 92.0236, 92.9609



89.5540, 97.2776, 103.6332



82.0676, 93.9755, 78.1051



19.0087, 20.7424, 22.0263



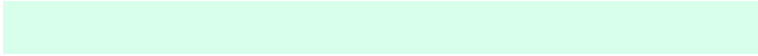
0.0000, 0.0000, 0.0000



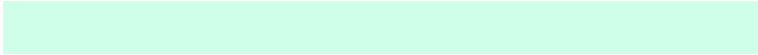
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9256, 92.0236, 92.9609



75.9303, 90.5461, 89.8097



81.6227, 92.7628, 108.2108



18.1700, 20.3275, 21.1982



21.0056, 38.2988, 18.4464



2.1005, 3.7511, 2.0869

Inverse Universe

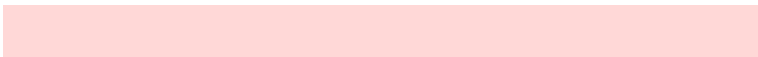
The Inverse Universe completely reimagines the original color for something new.



80.3923, 75.8025, 88.2363



77.6655, 71.3565, 84.2211



77.9771, 75.1086, 74.6790



18.3686, 18.1308, 20.5583



23.4302, 11.8614, 10.9158



2.3361, 1.1768, 1.3511

Previews

White Background



This preview shows how the XYZ color 78.9247, 92.0232, 92.9594 looks on a white background.

Color Contrast Check

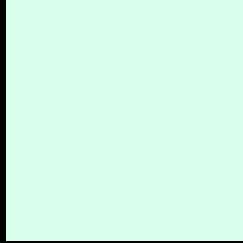
Large Text (above 18pt) WCAG AA × Fail

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 78.9247, 92.0232, 92.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

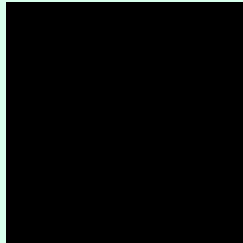
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

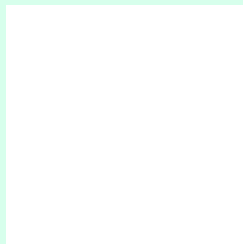
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9247, 92.0232, 92.9594

Background



This preview shows how black text looks on a background with the XYZ color 78.9247, 92.0232, 92.9594.



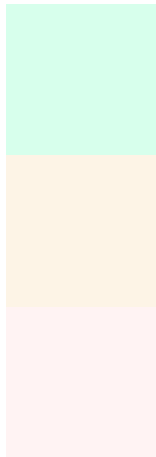
This preview shows how white text looks on a background with the XYZ color 78.9247, 92.0232,

92.9594.

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

78.9247, 92.0232, 92.9594

Protanopia

87.1416, 91.2972, 87.8922

Deuteranopia

89.4683, 91.8322, 97.8039

Tritanopia

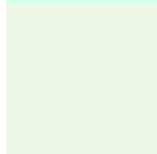
86.2358, 91.7461, 107.7714

Trichromacy



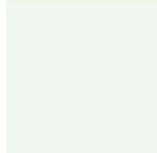
Original Color

78.9247, 92.0232, 92.9594



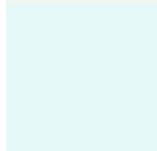
Protanomaly

83.7295, 91.3117, 89.5558



Deuteranomaly

84.9241, 91.3381, 95.5921



Tritanomaly

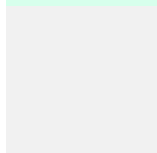
83.4420, 91.8065, 102.1295

Monochromacy



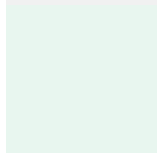
Original Color

78.9247, 92.0232, 92.9594



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.8145, 89.2993, 94.5858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9247, 92.0232, 92.9594 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(215, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 78.9247, 92.0232, 92.9594 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(215, 255, 236) }
```


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

```
.border{ border-color:rgb(215, 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(215, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9247, 92.0232, 92.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 236) }
```

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

```
.background{ background-color: rgb(215,  
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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