

Converting Colors

XYZ(80.8833, 96.6756, 98.0264)

Have a look what the booklet for
XYZ(80.8833, 96.6756, 98.0264)
contains.

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Color

**XYZ(78.3654, 91.6324,
97.5609)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFF2
RGB	210, 255, 242
RGB Percent	82%, 100%, 95%
CMY	0.1765, 0.0000, 0.0510
CMYK	0.18, 0.00, 0.05, 0.00
HSL	163°, 100%, 91%
HSV	163°, 18%, 100%
XYZ	78.3654, 91.6324, 97.5609
YIQ	240.0630, -22.6470, -13.5830

Conversions

Conversions Part 2

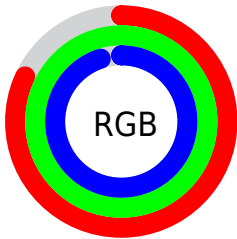
Format	Color
R_{YB}	210, 236, 255
Decimal	13828082
CIE _{Lab}	96.67, -16.80, 1.45
CIE _{LCh}	97, 16.860, 175.081
Yxy	91.6324, 0.2929, 0.3425
Android (android.graphics.Color)	4292018162 (0xFFD2FFF2)
YUV	240.0630, 0.9549, -26.3653
Hunter-Lab	95.7248, -21.3889, 6.5801

Details

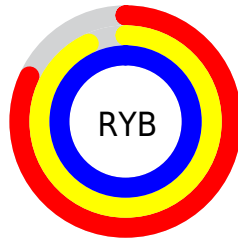
The XYZ color **78.3654, 91.6324, 97.5609** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.6066, 72.6822, 79.7513**, and the grayscale version is **82.8790, 87.1951, 94.9555**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5746, 50.9019, 54.0355** is the 20% darker color. If you saturate the color by 10%, you get **70.5906, 87.7496, 91.5385**, and if you desaturate by 10%, it is **87.3435, 96.1304, 103.8752**.

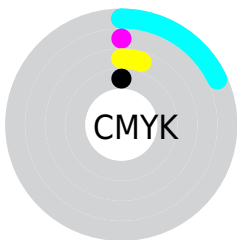
Distribution



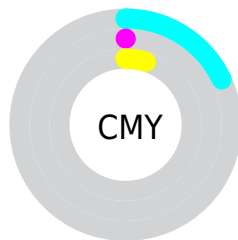
- Red (82%)
- Green (100%)
- Blue (95%)



- Red (82%)
- Yellow (93%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3654, 91.6324, 97.5609 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 78.3654, 91.6324, 97.5609 by changing the saturation by 10% instead.

78.3654, 91.6324,
97.5609

78.3654, 91.6324,
97.5609

478.2277,
533.3268, 573.5238

58.6780, 69.3353,
73.6596

130.0277,
149.6038, 159.8238

42.5993, 50.9849,
54.0204

162.7334,
186.0469, 199.0224

29.7640, 36.1966,
38.2247

200.5092,
227.9742, 244.1573

19.8067, 24.5860,
25.8539

243.7205,
275.7701, 295.6469

12.3621, 15.7689,
16.4896

292.7326,
329.8189, 353.9099

7.0647, 9.3608,
9.7132

347.9110,

3.5493, 4.9772,

390.5050, 419.3646

5.1061

409.6209,
458.2128, 492.4297

■ 1.4505, 2.2339,
2.2498

■ 0.2918, 0.7384,
0.7029

■ 78.3654, 91.6324,
97.5609

■ 78.3654, 91.6324,
97.5609

■ 70.5906, 87.7496,
91.5385

■ 87.3435, 96.1304,
103.8752

■ 63.9610, 84.4521,
85.7981

95.0500, 100.0000,
108.9000

■ 58.4179, 81.7098,
80.3359

■ 53.8963, 79.4889,
75.1458

■ 50.3237, 77.7525,
70.2216

■ 47.6181, 76.4582,
65.5567

■ 45.6827, 75.5561,
61.1434

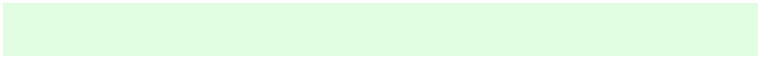
■ 44.3900, 74.9807,
56.9729

■ 44.1354, 74.8701,
56.0241

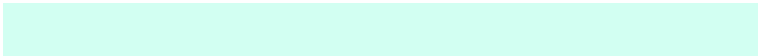
Harmonies

Analogous

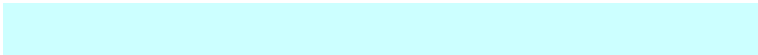
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8658, 91.6324, 85.6281



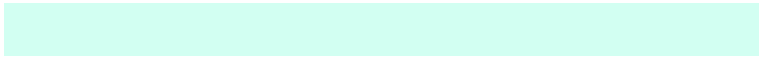
78.3654, 91.6324, 97.5609



79.1339, 91.6324, 111.1942

Triad

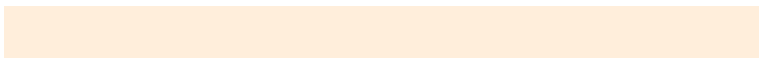
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3654, 91.6324, 97.5609



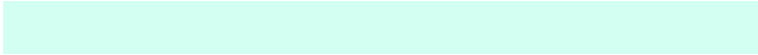
90.9958, 91.6324, 125.1990



92.3901, 91.6324, 79.9510

Complementary

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



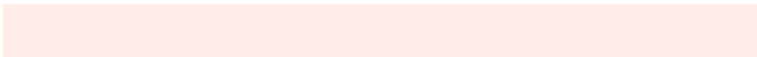
78.3654, 91.6324, 97.5609



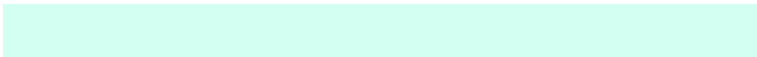
77.6066, 72.6822, 79.7513

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.



95.5705, 91.6324, 89.1603



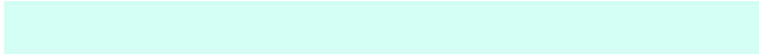
78.3654, 91.6324, 97.5609



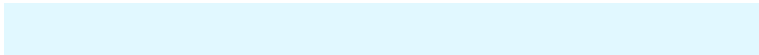
94.7453, 91.6324, 115.3937

Square

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



78.3654, 91.6324, 97.5609



86.3183, 91.6324, 127.9573



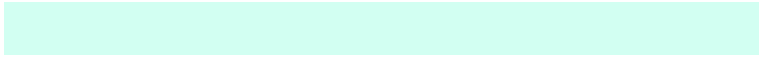
96.4475, 91.6324, 102.0165



87.8740, 91.6324, 76.0632

Rectangle

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



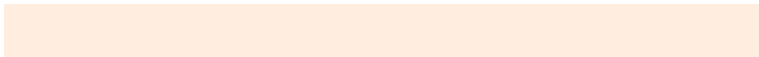
78.3654, 91.6324, 97.5609



80.8445, 91.6324, 119.3210



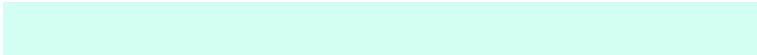
96.4475, 91.6324, 102.0165



93.6572, 91.6324, 82.4843

Sweetspot

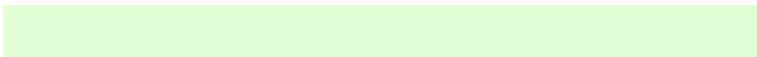
The Sweet Spot groups the original color and five complimentary colors.



78.3664, 91.6329, 97.5624



89.9264, 97.4266, 105.5946



77.9794, 91.9411, 74.6109



19.0993, 20.7787, 22.5034



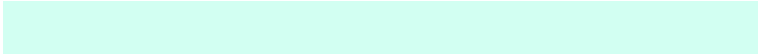
0.0000, 0.0000, 0.0000



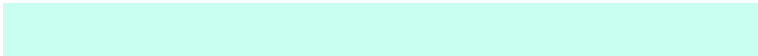
20.3446, 21.4041, 23.3091

Same Dimension

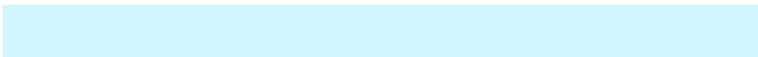
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3664, 91.6329, 97.5624



75.6272, 90.2634, 95.5101



77.5850, 86.8339, 107.2792



18.3180, 20.3867, 21.9777



23.1296, 39.1484, 29.6316



2.2995, 3.8307, 3.1348

Inverse Universe

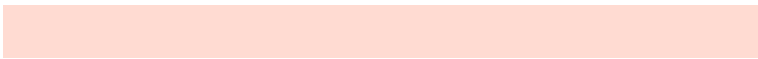
The Inverse Universe completely reimagines the original color for something new.



77.6066, 72.6822, 79.7513



74.7455, 68.2489, 74.8241



78.2052, 76.5774, 71.6335



18.2251, 18.0734, 19.8027



22.2443, 11.3870, 4.6709



2.2107, 1.1267, 0.6912

Previews

White Background



This preview shows how the XYZ color 78.3654, 91.6324, 97.5609 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 78.3654, 91.6324, 97.5609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

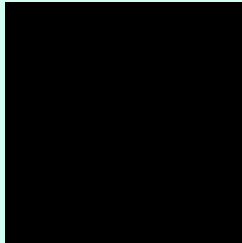
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

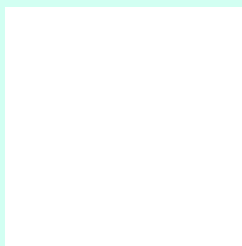
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3654, 91.6324, 97.5609

Background



This preview shows how black text looks on a background with the XYZ color 78.3654, 91.6324, 97.5609.



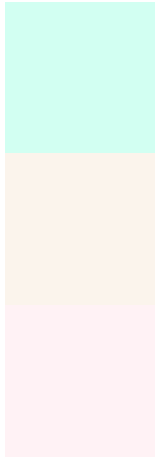
This preview shows how white text looks on a background with the XYZ color 78.3654, 91.6324,

97.5609.

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

78.3654, 91.6324, 97.5609

Protanopia

87.2747, 91.2667, 92.3733

Deuteranopia

89.4736, 91.3568, 99.3041



Tritanopia

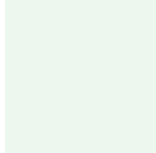
85.2424, 91.2340, 107.7249

Trichromacy



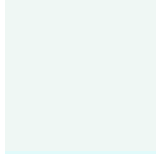
Original Color

78.3654, 91.6324, 97.5609



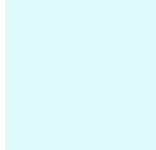
Protanomaly

83.5921, 91.1407, 94.0751



Deuteranomaly

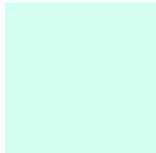
85.1865, 91.4039, 98.7409



Tritanomaly

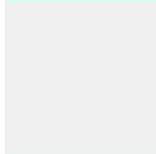
82.4923, 91.2809, 103.7136

Monochromacy



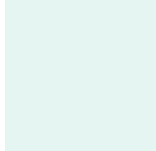
Original Color

78.3654, 91.6324, 97.5609



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.8427, 88.3137, 96.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3654, 91.6324, 97.5609 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(210, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 242)  
}
```

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(210, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 78.3654, 91.6324, 97.5609 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(210, 255, 242) }
```


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

```
.border{ border-color:rgb(210, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3654, 91.6324, 97.5609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 242) }
```

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

```
.background{ background-color: rgb(210,  
255, 242) }
```

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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