

Converting Colors

XYZ(60.5595, 81.0137, 98.0002)

Have a look what the booklet for
XYZ(60.5595, 81.0137, 98.0002)
contains.

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Color

**XYZ(60.4996, 80.9778,
98.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	83FCF4
RGB	131, 252, 244
RGB Percent	51%, 99%, 96%
CMY	0.4863, 0.0117, 0.0431
CMYK	0.48, 0.00, 0.03, 0.01
HSL	176°, 95%, 75%
HSV	176°, 48%, 99%
XYZ	60.4996, 80.9778, 98.0296
YIQ	214.9090, -69.5480, -28.1400

Conversions

Conversions Part 2

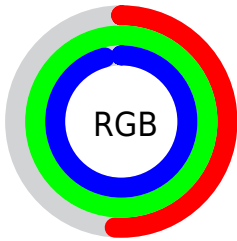
Format	Color
RYB	131, 194, 252
Decimal	8649972
CIELab	92.12, -35.94, -6.70
CIELCh	92, 36.557, 190.567
Yxy	80.9778, 0.2526, 0.3381
Android (android.graphics.Color)	4286840052 (0xFF83FCF4)
YUV	214.9090, 14.3419, -73.5882
Hunter-Lab	89.9877, -37.4711, -1.5972

Details

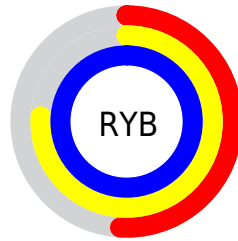
The XYZ color **60.4996, 80.9778, 98.0296** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **52.9241, 38.7944, 29.1275**, and the grayscale version is **64.4716, 67.8291, 73.8659**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **30.9761, 43.8900, 54.4160** is the 20% darker color. If you saturate the color by 10%, you get **56.8098, 79.1067, 96.5435**, and if you desaturate by 10%, it is **65.1455, 83.3454, 99.5760**.

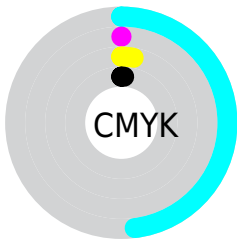
Distribution



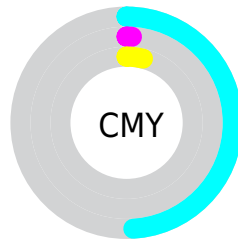
- Red (51%)
- Green (99%)
- Blue (96%)



- Red (51%)
- Yellow (76%)
- Blue (99%)



- Cyan (48%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)





- Cyan (49%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4996, 80.9778, 98.0296 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 60.4996, 80.9778, 98.0296 by changing the saturation by 10% instead.


 60.4996, 80.9778,
98.0296


 60.4996, 80.9778,
98.0296


416.2421,
498.2220, 575.0494


 44.0725, 60.5233,
74.0483


 104.6563,
134.7396, 160.4749

 30.9256, 43.8406,
54.3366


 133.1165,
168.8157, 199.7761

 20.6938, 30.5452,
38.4758


 166.3185,
208.2011, 245.0209

 13.0115, 20.2528,
26.0475

204.6276,
253.2803, 296.6280

 7.5135, 12.5789,
16.6331

248.4092,
304.4375, 355.0158

 3.8345, 7.1392,
9.8140

298.0285,

 1.6089, 3.5493,

362.0573, 420.6029

5.1719

353.8511,
426.5240, 493.8080

0.3982, 1.4248,
2.2879

0.0000, 0.2349,
0.7245

60.4996, 80.9778,
98.0296

60.4996, 80.9778,
98.0296

56.8098, 79.1067,
96.5435

65.1455, 83.3454,
99.5760

53.9989, 77.6865,
95.1086

70.8034, 86.2325,
101.1799


51.9898, 76.6793,
93.7232


77.5331, 89.6719,
102.8460


50.6882, 76.0366,
92.3827


85.3880, 93.6911,
104.5768

 49.9666, 75.6927,
91.0812

 93.6756, 97.9331,
106.3399

 49.8560, 75.6412,
90.8258

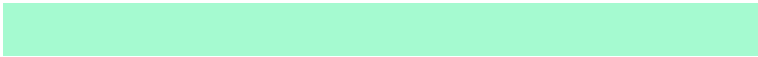
 93.9414, 98.0394,
107.7397

 94.1018, 98.1035,
108.5839

Harmonies

Analogous

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



61.1189, 80.9778, 72.0144



60.4996, 80.9778, 98.0296



64.0116, 80.9778, 126.3903

Triad

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



60.4996, 80.9778, 98.0296



89.3570, 80.9778, 133.7371



83.1517, 80.9778, 47.7428

Complementary

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



60.4996, 80.9778, 98.0296



52.9241, 38.7944, 29.1275

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.



91.5620, 80.9778, 58.5563



60.4996, 80.9778, 98.0296



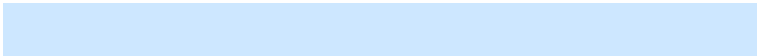
95.3419, 80.9778, 106.5798

Square

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



60.4996, 80.9778, 98.0296



80.3364, 80.9778, 149.6253



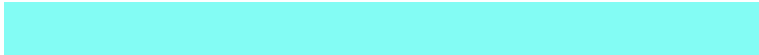
96.1803, 80.9778, 78.9967



73.6931, 80.9778, 46.3772

Rectangle

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



60.4996, 80.9778, 98.0296



68.4052, 80.9778, 141.5030



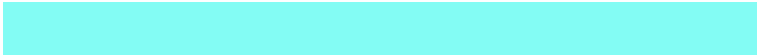
96.1803, 80.9778, 78.9967



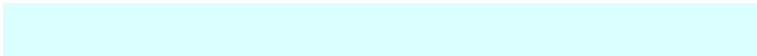
86.2150, 80.9778, 50.2708

Sweetspot

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



60.5020, 80.9810, 98.0315



82.7359, 93.6955, 106.3516



49.5682, 76.7575, 33.6776



17.3474, 19.8698, 22.6821



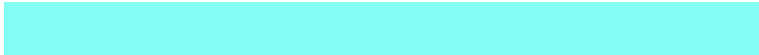
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.5020, 80.9810, 98.0315



58.3502, 81.2579, 99.1701



47.4873, 52.9644, 99.8194



17.7133, 19.5876, 21.9570



25.9914, 39.4096, 47.4254



2.4218, 3.6558, 4.4689

Inverse Universe

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



52.9241, 38.7944, 29.1275



49.7121, 33.0778, 20.5577



61.2675, 56.3830, 29.1283



17.2912, 17.2438, 18.1230



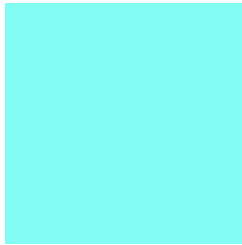
20.9813, 10.8082, 1.3438



1.9590, 1.0073, 0.2074

Previews

White Background



This preview shows how the XYZ color 60.4996, 80.9778, 98.0296 looks on a white background.

Color Contrast Check

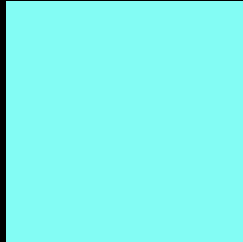
Large Text (above 18pt) WCAG AA × Fail

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 60.4996, 80.9778, 98.0296 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 60.4996, 80.9778, 98.0296

Background



This preview shows how black text looks on a background with the XYZ color 60.4996, 80.9778, 98.0296.

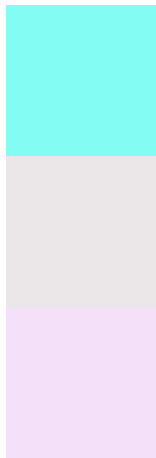


This preview shows how white text looks on a background with the XYZ color 60.4996, 80.9778,

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

60.4996, 80.9778, 98.0296

Protanopia

76.9816, 80.0253, 86.9904

Deuteranopia

81.5672, 79.6259, 101.5128



Tritanopia

68.6245, 80.4276, 106.5149

Trichromacy



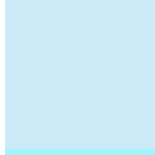
Original Color

60.4996, 80.9778, 98.0296



Protanomaly

68.7408, 79.0755, 90.9970



Deuteranomaly

71.2679, 78.4603, 100.1951



Tritanomaly

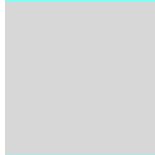
65.2686, 80.5580, 103.3760

Monochromacy



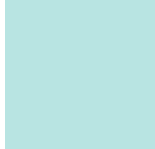
Original Color

60.4996, 80.9778, 98.0296



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.2380, 71.1681, 82.4607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4996, 80.9778, 98.0296 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(131, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(131, 252, 244)  
}
```

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(131, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 252, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.4996, 80.9778, 98.0296 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(131, 252, 244) }
```


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

```
.border{ border-color:rgb(131, 252, 244) }
```

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

Here you see how a box with a 4 pixel rgb(131, 252, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 252, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 252, 244);  
box-shadow:4px 4px 4px 4px rgb(131, 252,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4996, 80.9778, 98.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 252, 244) }
```

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

```
.background{ background-color: rgb(131,  
252, 244) }
```

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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