

Converting Colors

XYZ(57.3994, 71.6236, 97.9883)

Have a look what the booklet for
XYZ(57.3994, 71.6236, 97.9883)
contains.

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Color

**XYZ(57.4982, 71.8213,
98.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	8EEBF6
RGB	142, 235, 246
RGB Percent	56%, 92%, 96%
CMY	0.4431, 0.0784, 0.0353
CMYK	0.42, 0.04, 0.00, 0.04
HSL	186°, 85%, 76%
HSV	186°, 42%, 96%
XYZ	57.4982, 71.8213, 98.0212
YIQ	208.4470, -58.9590, -16.2950

Conversions

Conversions Part 2

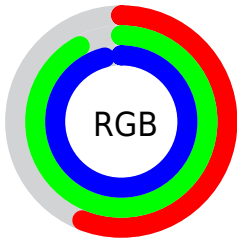
Format	Color
RYB	142, 191, 246
Decimal	9366518
CIELab	87.88, -24.90, -14.01
CIELCh	88, 28.568, 209.362
Yxy	71.8213, 0.2529, 0.3159
Android (android.graphics.Color)	4287556598 (0xFF8EEBF6)
YUV	208.4470, 18.5136, -58.2740
Hunter-Lab	84.7474, -27.2020, -9.2532

Details

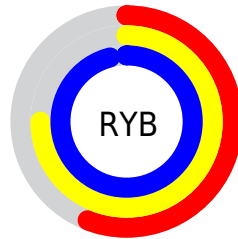
The XYZ color **57.4982, 71.8213, 98.0212** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.2809, 44.3293, 31.2884**, and the grayscale version is **60.1571, 63.2899, 68.9228**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **29.0705, 37.8427, 54.4874** is the 20% darker color. If you saturate the color by 10%, you get **52.9954, 68.4041, 97.6002**, and if you desaturate by 10%, it is **62.9475, 75.7460, 98.4928**.

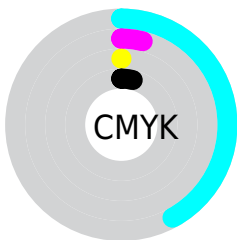
Distribution



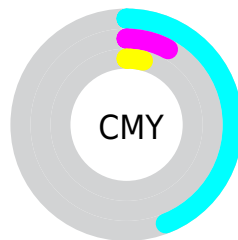
- Red (56%)
- Green (92%)
- Blue (96%)



- Red (56%)
- Yellow (75%)
- Blue (96%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)





- Cyan (44%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4982, 71.8213, 98.0212 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 57.4982, 71.8213, 98.0212 by changing the saturation by 10% instead.


 57.4982, 71.8213,
98.0212


 57.4982, 71.8213,
98.0212


405.2976,
466.9194, 575.0220

 41.6471, 53.0127,
74.0413

 100.3189,
121.8024, 160.4633

 29.0149, 37.8129,
54.3309


 128.0192,
153.7438, 199.7626

 19.2365, 25.8375,
38.4713


160.4000,
190.8315, 245.0054

 11.9463, 16.7021,
26.0440

197.8265,
233.4499, 296.6104

 6.7790, 10.0223,
16.6305

240.6642,
281.9836, 354.9960

 3.3694, 5.4138,
9.8122

289.2783,

 1.3520, 2.4920,

336.8168, 420.5808

5.1707

344.0343,
398.3339, 493.7833

■ 0.2216, 0.8726,
2.2873

■ 0.0000, 0.0000,
0.7241

■ 57.4982, 71.8213,
98.0212

■ 57.4982, 71.8213,
98.0212

■ 52.9954, 68.4041,
97.6002

■ 62.9475, 75.7460,
98.4928

■ 49.3707, 65.4539,
97.2218

■ 69.3932, 80.1989,
99.0126

■ 46.5567, 62.9378,
96.8844

■ 76.8893, 85.2097,
99.5846

■ 44.4733, 60.8142,
96.5844

■ 85.4841, 90.8032,
100.2113

■ 43.0239, 59.0334,
96.3170

■ 91.4456, 95.0556,
100.7179

■ 42.2247, 57.8337,
96.1276

■ 92.2511, 96.6665,
100.9864

■ 93.0677, 98.2997,
101.2586

■ 93.6348, 99.4339,
101.4476

Harmonies

Analogous

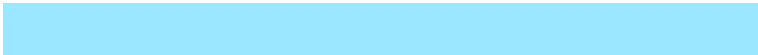
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.0149, 71.8213, 77.7854



57.4982, 71.8213, 98.0212



61.8197, 71.8213, 115.0173

Triad

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



57.4982, 71.8213, 98.0212



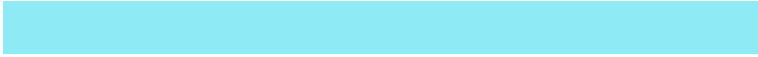
80.1342, 71.8213, 98.8623



68.4095, 71.8213, 46.4347

Complementary

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



57.4982, 71.8213, 98.0212



54.2809, 44.3293, 31.2884

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.



75.1412, 71.8213, 50.2218



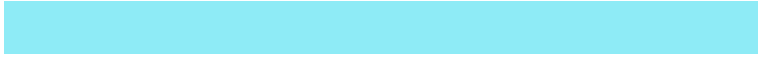
57.4982, 71.8213, 98.0212



82.1801, 71.8213, 78.6185

Square

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



57.4982, 71.8213, 98.0212



74.8730, 71.8213, 115.5568



80.2961, 71.8213, 61.2510



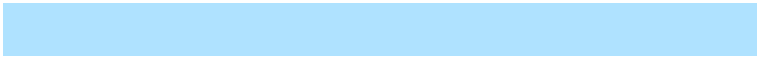
62.0558, 71.8213, 49.9124

Rectangle

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



57.4982, 71.8213, 98.0212



65.8804, 71.8213, 121.0434



80.2961, 71.8213, 61.2510



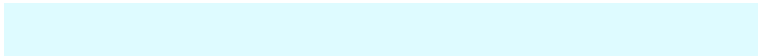
70.7044, 71.8213, 46.8889

Sweetspot

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



57.5004, 71.8241, 98.0229



82.7801, 92.0296, 108.0083



49.8130, 73.9439, 41.5268



17.3160, 19.4315, 23.0880



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

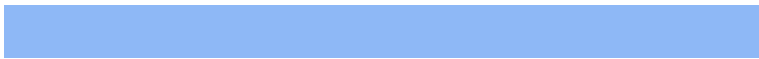
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.5004, 71.8241, 98.0229



58.0288, 74.6334, 105.9550



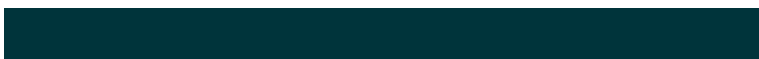
44.8491, 46.5215, 93.8058



16.8382, 18.4408, 21.2145



22.5998, 30.9934, 51.3292



2.0284, 2.8083, 4.5254

Inverse Universe

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



62.6762, 44.9388, 83.9710



64.4815, 42.2803, 88.1754



64.5781, 64.9236, 34.7208



17.1337, 16.7363, 20.4505



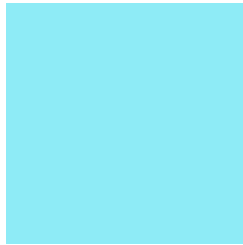
27.2119, 13.2282, 37.4195



2.4129, 1.1711, 3.4008

Previews

White Background



This preview shows how the XYZ color 57.4982, 71.8213, 98.0212 looks on a white background.

Color Contrast Check

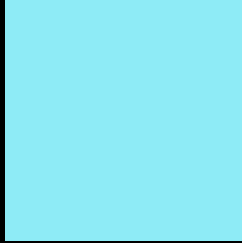
Large Text (above 18pt) WCAG AA × Fail

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 57.4982, 71.8213, 98.0212 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 57.4982, 71.8213, 98.0212

Background



This preview shows how black text looks on a background with the XYZ color 57.4982, 71.8213, 98.0212.

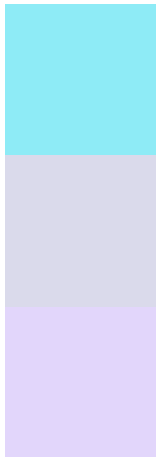


This preview shows how white text looks on a background with the XYZ color 57.4982, 71.8213,

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

57.4982, 71.8213, 98.0212

Protanopia

68.9802, 71.0464, 88.6749

Deuteranopia

72.8232, 71.2269, 101.1768



Tritanopia

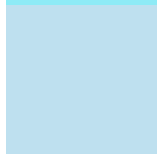
58.6540, 71.8668, 103.7088

Trichromacy



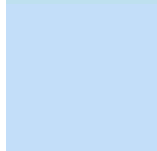
Original Color

57.4982, 71.8213, 98.0212



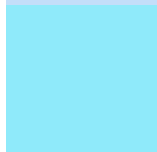
Protanomaly

63.4708, 70.4905, 91.9221



Deuteranomaly

65.7258, 70.6842, 99.8018



Tritanomaly

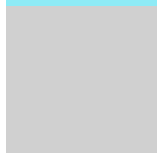
58.0058, 71.5874, 101.2030

Monochromacy



Original Color

57.4982, 71.8213, 98.0212



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

58.0234, 65.6071, 78.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4982, 71.8213, 98.0212 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(142, 235, 246)` looks like.

```
.text, #text, p{  
    color:rgb(142, 235, 246)  
}
```

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(142, 235, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 235, 246) }
```

Border

The CSS property to change the border of an element to XYZ 57.4982, 71.8213, 98.0212 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(142, 235, 246) }
```


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

```
.border{ border-color:rgb(142, 235, 246) }
```

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

Here you see how a box with a 4 pixel rgb(142, 235, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 235, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 235, 246);  
box-shadow:4px 4px 4px 4px rgb(142, 235,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4982, 71.8213, 98.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 235, 246) }
```

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

```
.background{ background-color: rgb(142,  
235, 246) }
```

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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