

Converting Colors

XYZ(57.2491, 67.0623, 89.9427)

Have a look what the booklet for
XYZ(57.2491, 67.0623, 89.9427)
contains.

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Color

**XYZ(57.1908, 66.8891,
90.0174)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DFED
RGB	165, 223, 237
RGB Percent	65%, 87%, 93%
CMY	0.3529, 0.1255, 0.0706
CMYK	0.30, 0.06, 0.00, 0.07
HSL	192°, 67%, 79%
HSV	192°, 30%, 93%
XYZ	57.1908, 66.8891, 90.0174
YIQ	207.2540, -39.0620, -7.9420

Conversions

Conversions Part 2

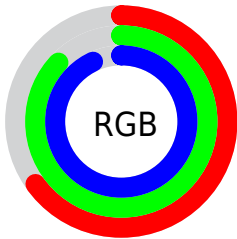
Format	Color
R _Y B	165, 197, 237
Decimal	10870765
CIE Lab	85.45, -15.16, -12.80
CIE LCh	85, 19.839, 220.175
Yxy	66.8891, 0.2671, 0.3124
Android (android.graphics.Color)	4289060845 (0xFFA5DFED)
YUV	207.2540, 14.6648, -37.0568
Hunter-Lab	81.7858, -18.3043, -8.0074

Details

The XYZ color **57.1908, 66.8891, 90.0174** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8376, 52.9620, 42.7732**, and the grayscale version is **59.4000, 62.4934, 68.0553**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **28.8987, 34.7210, 48.8948** is the 20% darker color. If you saturate the color by 10%, you get **51.4968, 62.1526, 89.4044**, and if you desaturate by 10%, it is **63.8358, 72.1689, 90.6874**.

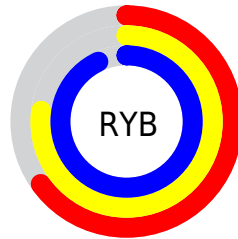
Distribution



Red (65%)

Green (87%)

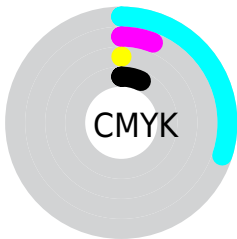
Blue (93%)



Red (65%)

Yellow (77%)

Blue (93%)

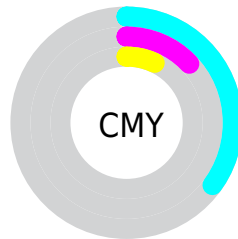


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1908, 66.8891, 90.0174 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 57.1908, 66.8891, 90.0174 by changing the saturation by 10% instead.

57.1908, 66.8891,
90.0174

57.1908, 66.8891,
90.0174

404.1665,
449.5499, 548.6590

41.3992, 48.9945,
67.4213

99.8733, 114.7615,
149.2983

28.8202, 34.6151,
48.9633

127.4949,
145.5081, 186.8201

19.0884, 23.3666,
34.2250

159.7905,
181.3074, 230.1543

11.8386, 14.8644,
22.7877

197.1255,
222.5440, 279.7194

6.7053, 8.7243,
14.2330

239.8652,
269.6021, 335.9338

3.3232, 4.5618,
8.1423

288.3751,

1.3269, 1.9925,

322.8662, 399.2162

4.0971

343.0204,
382.7207, 469.9851

■ 0.2032, 0.6031,
1.6787

■ 0.0000, 0.0000,
0.3461

■ 57.1908, 66.8891,
90.0174

■ 57.1908, 66.8891,
90.0174

■ 51.4968, 62.1526,
89.4044

■ 63.8358, 72.1689,
90.6874

■ 46.6969, 57.9247,
88.8413

■ 71.4726, 78.0084,
91.4120

■ 42.7374, 54.1790,
88.3270

■ 80.1469, 84.4334,
92.1950

■ 39.5562, 50.8831,
87.8585

■ 88.1104, 90.5427,
92.9545

■ 37.0822, 47.9999,
87.4324

■ 89.4949, 93.3117,
93.4160

■ 35.2306, 45.4854,
87.0446

■ 90.9142, 96.1503,
93.8891

■ 33.9008, 43.3436,
86.7013

■ 92.2863, 98.8945,
94.3465

Harmonies

Analogous

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



55.4335, 66.8891, 77.2974



57.1908, 66.8891, 90.0174



60.6863, 66.8891, 98.7210

Triad

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



57.1908, 66.8891, 90.0174



72.0691, 66.8891, 81.5632



62.0596, 66.8891, 51.0598

Complementary

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



57.1908, 66.8891, 90.0174



57.8376, 52.9620, 42.7732

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.



66.5562, 66.8891, 51.9161



57.1908, 66.8891, 90.0174



72.4794, 66.8891, 68.5398

Square

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



57.1908, 66.8891, 90.0174



69.3237, 66.8891, 93.4552



70.4198, 66.8891, 57.9842



58.1553, 66.8891, 55.4887

Rectangle

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



57.1908, 66.8891, 90.0174



63.6026, 66.8891, 100.5307



70.4198, 66.8891, 57.9842



63.5496, 66.8891, 50.7529

Sweetspot

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



57.1928, 66.8918, 90.0189



85.6980, 93.0904, 108.0592



53.8587, 71.7915, 53.2449



18.0397, 19.6976, 23.1012



0.0000, 0.0000, 0.0000



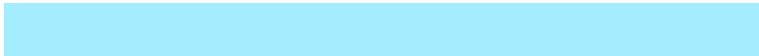
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1928, 66.8918, 90.0189



63.5237, 75.6846, 105.8683



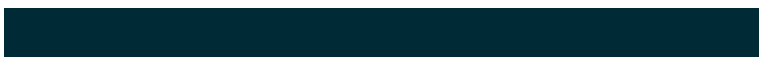
48.7451, 49.9964, 87.2030



15.2544, 16.5952, 19.3215



18.6016, 23.8503, 47.3661



1.5243, 2.0000, 3.7406

Inverse Universe

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



61.7011, 50.2442, 76.2611



69.6811, 53.6488, 86.9206



65.8151, 68.9170, 45.4324



15.5820, 15.2606, 18.3499



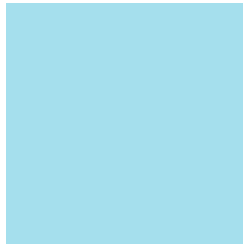
24.2445, 11.9005, 28.1528



1.9359, 0.9473, 2.3797

Previews

White Background



This preview shows how the XYZ color 57.1908, 66.8891, 90.0174 looks on a white background.

Color Contrast Check

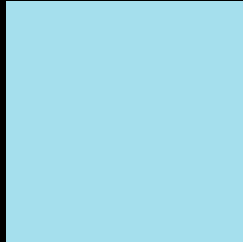
Large Text (above 18pt) WCAG AA × Fail

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 57.1908, 66.8891, 90.0174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

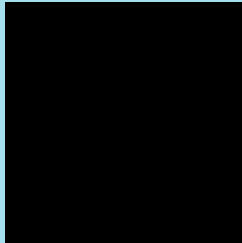
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1908, 66.8891, 90.0174

Background



This preview shows how black text looks on a background with the XYZ color 57.1908, 66.8891, 90.0174.

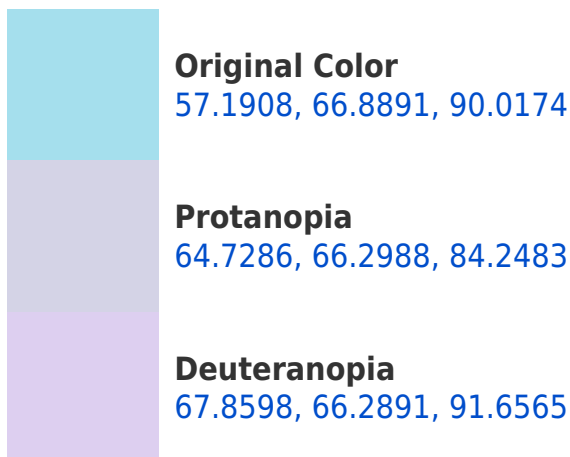


This preview shows how white text looks on a background with the XYZ color 57.1908, 66.8891,

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

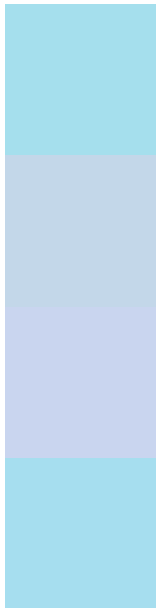




Tritanopia

57.5753, 66.6408, 92.2665

Trichromacy



Original Color

57.1908, 66.8891, 90.0174

Protanomaly

61.5141, 66.0862, 86.6046

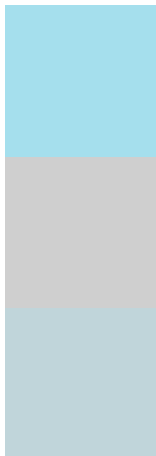
Deuteranomaly

63.4616, 66.2380, 91.1018

Tritanomaly

57.4271, 66.5815, 91.4861

Monochromacy



Original Color

57.1908, 66.8891, 90.0174

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1874, 63.8569, 75.5885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1908, 66.8891, 90.0174 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(165, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(165, 223, 237)  
}
```

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(165, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 223, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.1908, 66.8891, 90.0174 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(165, 223, 237) }
```


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

```
.border{ border-color:rgb(165, 223, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(165, 223,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1908, 66.8891, 90.0174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 223, 237) }
```

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

```
.background{ background-color: rgb(165,  
223, 237) }
```

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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