

Converting Colors

XYZ(57.7459, 65.1734, 98.4307)

Have a look what the booklet for
XYZ(57.7459, 65.1734, 98.4307)
contains.

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Color

**XYZ(57.5317, 64.9195,
98.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DAF8
RGB	165, 218, 248
RGB Percent	65%, 85%, 97%
CMY	0.3529, 0.1451, 0.0274
CMYK	0.33, 0.12, 0.00, 0.03
HSL	202°, 86%, 81%
HSV	202°, 33%, 97%
XYZ	57.5317, 64.9195, 98.3054
YIQ	205.5730, -41.2180, -1.9060

Conversions

Conversions Part 2

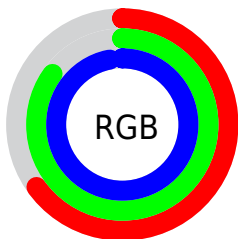
Format	Color
RYB	165, 197, 248
Decimal	10869496
CIELab	84.44, -9.99, -20.13
CIELCh	84, 22.467, 243.608
Yxy	64.9195, 0.2606, 0.2941
Android (android.graphics.Color)	4289059576 (0xFFA5DAF8)
YUV	205.5730, 20.9165, -35.5825
Hunter-Lab	80.5726, -13.5468, -15.9379

Details

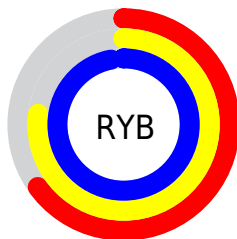
The XYZ color **57.5317, 64.9195, 98.3054** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.0189, 61.7039, 44.0821**, and the grayscale version is **58.2846, 61.3199, 66.7774**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **29.0420, 33.3152, 54.7690** is the 20% darker color. If you saturate the color by 10%, you get **50.6035, 57.9915, 97.3344**, and if you desaturate by 10%, it is **65.5898, 72.6196, 99.3681**.

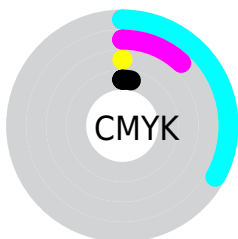
Distribution



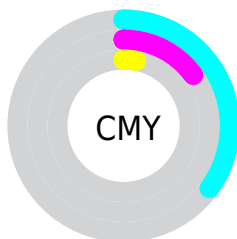
- Red (65%)
- Green (85%)
- Blue (97%)



- Red (65%)
- Yellow (77%)
- Blue (97%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5317, 64.9195, 98.3054 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 57.5317, 64.9195, 98.3054 by changing the saturation by 10% instead.

■ 57.5317, 64.9195,
98.3054

■ 57.5317, 64.9195,
98.3054

405.4207,
442.5026, 575.9460

■ 41.6741, 47.3958,
74.2771

■ 100.3675,
111.9341, 160.8580

■ 29.0362, 33.3487,
54.5227

■ 128.0764,
142.1938, 200.2193

■ 19.2526, 22.3937,
38.6237

160.4664,
177.4677, 245.5287

■ 11.9580, 14.1465,
26.1615

197.9028,
218.1400, 297.2048

■ 6.7871, 8.2226,
16.7177

240.7512,
264.5953, 355.6660

■ 3.3745, 4.2377,
9.8736

289.3767,

■ 1.3547, 1.8074,

317.2179, 421.3309

5.2107

344.1447,
376.3922, 494.6181

■ 0.2236, 0.4918,
2.3105

■ 0.0000, 0.0000,
0.7371

■ 57.5317, 64.9195,
98.3054

■ 57.5317, 64.9195,
98.3054

■ 50.6035, 57.9915,
97.3344

■ 65.5898, 72.6196,
99.3681

■ 44.7391, 51.7941,
96.4473

■ 74.8271, 81.1156,
100.5211

■ 39.8746, 46.2929,
95.6419

■ 85.2969, 90.4392,
101.7689

■ 35.9359, 41.4466,
94.9140

■ 93.5800, 98.8305,
102.9520

■ 32.8376, 37.2081,
94.2592

■ 93.9435, 99.5574,
103.0732

■ 30.4763, 33.5207,
93.6719

■ 29.2333, 31.3570,
93.3198

Harmonies

Analogous

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



54.0443, 64.9195, 87.0339



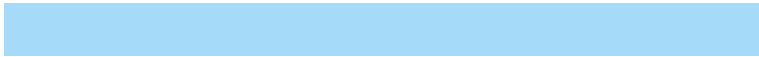
57.5317, 64.9195, 98.3054



62.3105, 64.9195, 101.8519

Triad

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



57.5317, 64.9195, 98.3054



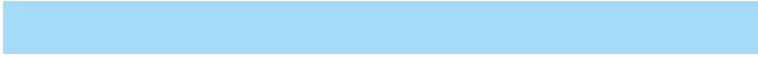
71.7964, 64.9195, 68.9691



56.5382, 64.9195, 50.1600

Complementary

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



57.5317, 64.9195, 98.3054



65.0189, 61.7039, 44.0821

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.



61.1015, 64.9195, 46.6309



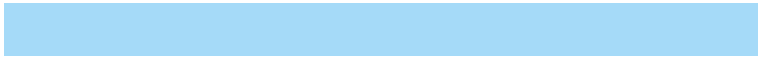
57.5317, 64.9195, 98.3054



70.0553, 64.9195, 56.5258

Square

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



57.5317, 64.9195, 98.3054



70.7153, 64.9195, 83.6343



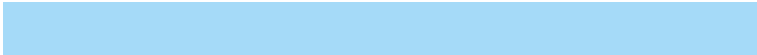
66.0734, 64.9195, 48.7952



53.4928, 64.9195, 59.1488

Rectangle

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



57.5317, 64.9195, 98.3054



65.6316, 64.9195, 99.0109



66.0734, 64.9195, 48.7952



57.9364, 64.9195, 48.3553

Sweetspot

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



57.5337, 64.9221, 98.3069



83.4129, 89.7405, 107.5331



58.8291, 79.0327, 63.2242



17.5269, 18.9150, 22.9771



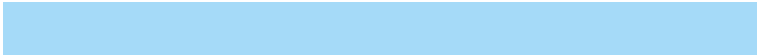
0.0000, 0.0000, 0.0000



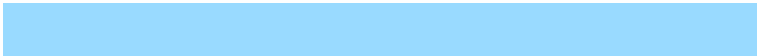
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5337, 64.9221, 98.3069



56.2933, 64.2052, 104.0336



48.2730, 46.4006, 95.2200



17.2074, 18.4916, 22.0476



15.9295, 17.2146, 50.4567



1.5759, 1.7954, 4.7067

Inverse Universe

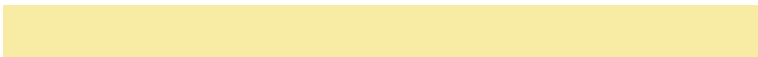
The Inverse Universe completely reimagines the original color for something new.



64.8231, 51.9304, 72.9395



65.3038, 49.1115, 72.4600



75.3702, 82.4065, 47.5325



17.7112, 17.4118, 20.3351



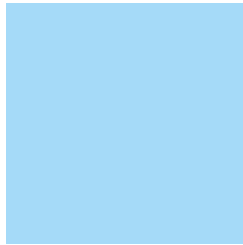
24.3325, 12.1487, 18.9913



2.3044, 1.1455, 2.0262

Previews

White Background



This preview shows how the XYZ color 57.5317, 64.9195, 98.3054 looks on a white background.

Color Contrast Check

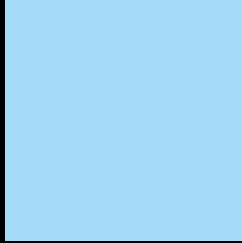
Large Text (above 18pt) WCAG AA × Fail

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 57.5317, 64.9195, 98.3054 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 57.5317, 64.9195, 98.3054

Background



This preview shows how black text looks on a background with the XYZ color 57.5317, 64.9195, 98.3054.

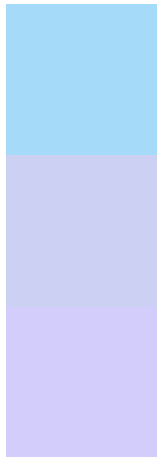


This preview shows how white text looks on a background with the XYZ color 57.5317, 64.9195,

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

57.5317, 64.9195, 98.3054

Protanopia

63.4847, 64.3599, 93.0811

Deuteranopia

66.1079, 64.4766, 100.2277



Tritanopia

55.7796, 64.9822, 89.7237

Trichromacy



Original Color

57.5317, 64.9195, 98.3054

Protanomaly

61.1078, 64.5658, 94.8297

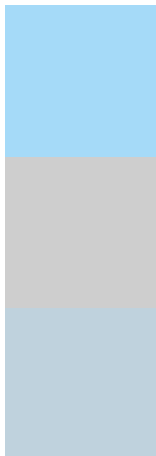
Deuteranomaly

62.5500, 64.4646, 99.5887

Tritanomaly

56.3130, 64.8004, 92.7588

Monochromacy



Original Color

57.5317, 64.9195, 98.3054

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5836, 62.3900, 77.4141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5317, 64.9195, 98.3054 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, 218, 248)` looks like.

```
.text, #text, p{  
    color:rgb(165, 218, 248)  
}
```

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, 218, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 218, 248) }
```

Border

The CSS property to change the border of an element to XYZ 57.5317, 64.9195, 98.3054 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, 218, 248) }
```


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

```
.border{ border-color:rgb(165, 218, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 218, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 218, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 218, 248);  
box-shadow:4px 4px 4px 4px rgb(165, 218,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5317, 64.9195, 98.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 218, 248) }
```

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

```
.background{ background-color: rgb(165,  
218, 248) }
```

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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