

Converting Colors

XYZ(57.5453, 67.9581, 90.4849)

Have a look what the booklet for
XYZ(57.5453, 67.9581, 90.4849)
contains.

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Color

**XYZ(57.5211, 67.8574,
90.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E1ED
RGB	164, 225, 237
RGB Percent	64%, 88%, 93%
CMY	0.3569, 0.1176, 0.0706
CMYK	0.31, 0.05, 0.00, 0.07
HSL	190°, 67%, 79%
HSV	190°, 31%, 93%
XYZ	57.5211, 67.8574, 90.1869
YIQ	208.1290, -40.2080, -9.2000

Conversions

Conversions Part 2

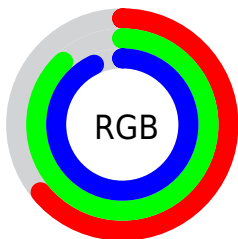
Format	Color
RYB	164, 197, 237
Decimal	10805741
CIELab	85.94, -16.45, -12.08
CIELCh	86, 20.405, 216.288
Yxy	67.8574, 0.2668, 0.3148
Android (android.graphics.Color)	4288995821 (0xFFA4E1ED)
YUV	208.1290, 14.2334, -38.7011
Hunter-Lab	82.3756, -19.5146, -7.2493

Details

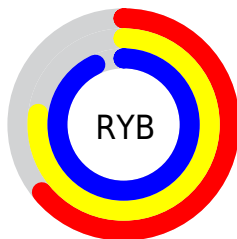
The XYZ color **57.5211, 67.8574, 90.1869** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1521, 51.7360, 42.0972**, and the grayscale version is **59.9688, 63.0918, 68.7070**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **29.0219, 35.3369, 49.0071** is the 20% darker color. If you saturate the color by 10%, you get **52.0379, 63.4869, 89.6335**, and if you desaturate by 10%, it is **63.9438, 72.7512, 90.7941**.

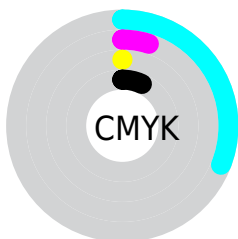
Distribution



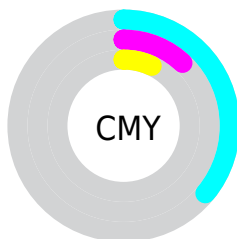
- Red (64%)
- Green (88%)
- Blue (93%)



- Red (64%)
- Yellow (77%)
- Blue (93%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5211, 67.8574, 90.1869 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 57.5211, 67.8574, 90.1869 by changing the saturation by 10% instead.

57.5211, 67.8574,
90.1869

57.5211, 67.8574,
90.1869

405.3818,
452.9906, 549.2244

41.6655, 49.7817,
67.5611

100.3521,
116.1481, 149.5358

29.0294, 35.2400,
49.0763

128.0583,
147.1320, 187.0959

19.2475, 23.8478,
34.3140

160.4453,
183.1873, 230.4712

11.9543, 15.2208,
22.8556

197.8787,
224.6986, 280.0802

6.7846, 8.9745,
14.2826

240.7236,
272.0501, 336.3415

3.3729, 4.7245,
8.1765

289.3456,

1.3539, 2.0866,

325.6264, 399.6736

4.1187

344.1098,
385.8118, 470.4951

■ 0.2230, 0.6571,
1.6907

■ 0.0000, 0.0000,
0.3543

■ 57.5211, 67.8574,
90.1869

■ 57.5211, 67.8574,
90.1869

■ 52.0379, 63.4869,
89.6335

■ 63.9438, 72.7512,
90.7941

■ 47.4372, 59.6051,
89.1267

■ 71.3467, 78.1846,
91.4527

■ 43.6652, 56.1857,
88.6655

■ 79.7758, 84.1831,
92.1663

■ 40.6595, 53.1964,
88.2469

■ 87.8588, 90.0395,
92.8707

■ 38.3487, 50.5999,
87.8675

■ 89.0215, 92.3650,
93.2582

■ 36.6475, 48.3522,
87.5233

■ 90.2091, 94.7401,
93.6541

■ 35.4919, 46.5258,
87.2317

■ 91.4215, 97.1650,
94.0582

■ 92.2863, 98.8945,
94.3465

Harmonies

Analogous

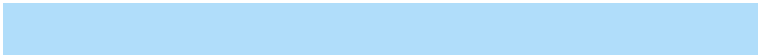
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.9706, 67.8574, 76.7399



57.5211, 67.8574, 90.1869



60.9499, 67.8574, 100.0410

Triad

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



57.5211, 67.8574, 90.1869



73.0785, 67.8574, 84.7248



63.5172, 67.8574, 51.1436

Complementary

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



57.5211, 67.8574, 90.1869



57.1521, 51.7360, 42.0972

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.



68.1779, 67.8574, 52.7388



57.5211, 67.8574, 90.1869



73.8469, 67.8574, 71.1021

Square

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



57.5211, 67.8574, 90.1869



69.9622, 67.8574, 96.6307



72.0140, 67.8574, 59.6767



59.3230, 67.8574, 55.0223

Rectangle

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



57.5211, 67.8574, 90.1869



63.9164, 67.8574, 102.6564



72.0140, 67.8574, 59.6767



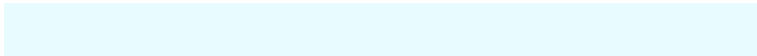
65.0799, 67.8574, 51.0647

Sweetspot

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



57.5231, 67.8601, 90.1885



85.9135, 93.5212, 108.1310



53.3283, 71.5554, 51.5340



18.0931, 19.8043, 23.1190



0.0000, 0.0000, 0.0000



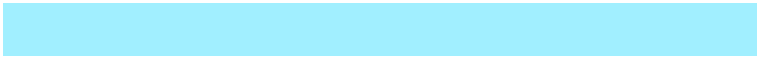
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5231, 67.8601, 90.1885



63.6887, 76.7832, 106.0716



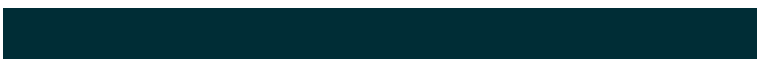
48.9134, 50.6407, 87.3186



15.2947, 16.6758, 19.3349



19.4597, 25.5664, 47.6521



1.5842, 2.1198, 3.7605

Inverse Universe

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



61.7928, 49.9933, 77.6301



69.5768, 52.8888, 88.5857



65.0334, 67.4987, 44.7243



15.6023, 15.2688, 18.4570



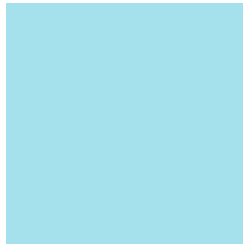
24.6777, 12.0738, 30.4336



1.9661, 0.9594, 2.5389

Previews

White Background



This preview shows how the XYZ color 57.5211, 67.8574, 90.1869 looks on a white background.

Color Contrast Check

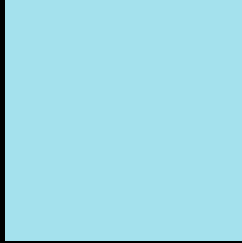
Large Text (above 18pt) WCAG AA × Fail

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 57.5211, 67.8574, 90.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

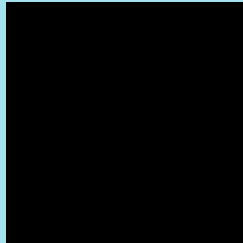
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5211, 67.8574, 90.1869

Background



This preview shows how black text looks on a background with the XYZ color 57.5211, 67.8574, 90.1869.



This preview shows how white text looks on a background with the XYZ color 57.5211, 67.8574,

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

57.5211, 67.8574, 90.1869

Protanopia

65.6687, 67.5418, 83.7045

Deuteranopia

68.9601, 67.5802, 91.8478



Tritanopia

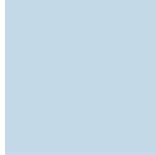
58.1997, 67.7214, 94.0085

Trichromacy



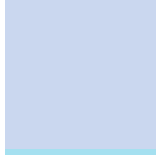
Original Color

57.5211, 67.8574, 90.1869



Protanomaly

62.1433, 67.1877, 86.0371



Deuteranomaly

64.2375, 67.3894, 91.2831



Tritanomaly

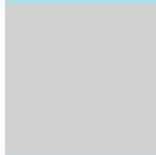
57.9009, 67.6019, 92.4348

Monochromacy



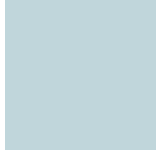
Original Color

57.5211, 67.8574, 90.1869



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

58.5710, 64.4141, 76.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5211, 67.8574, 90.1869 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(164, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(164, 225, 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(164, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 225, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.5211, 67.8574, 90.1869 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(164, 225, 237) }
```


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

```
.border{ border-color:rgb(164, 225, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(164, 225,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5211, 67.8574, 90.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 225, 237) }
```

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

```
.background{ background-color: rgb(164,  
225, 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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