

Converting Colors

XYZ(57.8517, 67.9544, 96.9884)

Have a look what the booklet for
XYZ(57.8517, 67.9544, 96.9884)
contains.

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Color

**XYZ(57.8578, 67.8752,
97.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE1F6
RGB	159, 225, 246
RGB Percent	62%, 88%, 96%
CMY	0.3765, 0.1176, 0.0353
CMYK	0.35, 0.09, 0.00, 0.04
HSL	194°, 83%, 79%
HSV	194°, 35%, 96%
XYZ	57.8578, 67.8752, 97.2406
YIQ	207.6600, -46.0770, -7.4610

Conversions

Conversions Part 2

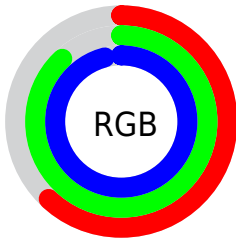
Format	Color
R _Y B	159, 197, 246
Decimal	10478070
CIE Lab	85.94, -15.66, -16.84
CIE LCh	86, 22.995, 227.068
Yxy	67.8752, 0.2595, 0.3044
Android (android.graphics.Color)	4288668150 (0xFF9FE1F6)
YUV	207.6600, 18.9016, -42.6748
Hunter-Lab	82.3864, -18.8204, -12.3094

Details

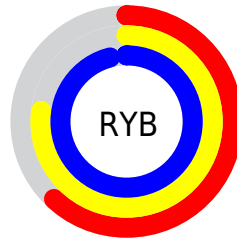
The XYZ color **57.8578, 67.8752, 97.2406** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5863, 54.7393, 40.1749**, and the grayscale version is **59.6388, 62.7446, 68.3289**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **29.3779, 35.4102, 54.0017** is the 20% darker color. If you saturate the color by 10%, you get **51.8797, 62.4534, 96.5103**, and if you desaturate by 10%, it is **64.8667, 73.9145, 98.0381**.

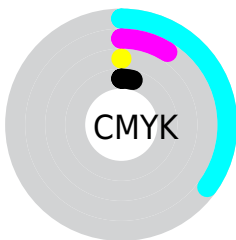
Distribution



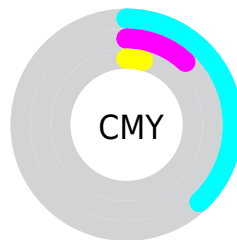
- Red (62%)
- Green (88%)
- Blue (96%)



- Red (62%)
- Yellow (77%)
- Blue (96%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8578, 67.8752, 97.2406 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 57.8578, 67.8752, 97.2406 by changing the saturation by 10% instead.

■ 57.8578, 67.8752,
97.2406

■ 57.8578, 67.8752,
97.2406

406.6183,
453.0537, 572.4800

■ 41.9372, 49.7962,
73.3941

■ 100.8399,
116.1736, 159.3786

■ 29.2430, 35.2515,
53.8045

■ 128.6321,
147.1618, 198.5071

■ 19.4099, 23.8567,
38.0532

161.1122,
183.2218, 243.5667

■ 12.0726, 15.2273,
25.7219

198.6455,
224.7381, 294.9760

■ 6.8657, 8.9791,
16.3918

241.5974,
272.0951, 353.1534

■ 3.4238, 4.7275,
9.6445

290.3332,

■ 1.3817, 2.0883,

325.6771, 418.5175

5.0614

345.2184,
385.8685, 491.4868

■ 0.2431, 0.6580,
2.2239

■ 0.0000, 0.0000,
0.6881

■ 57.8578, 67.8752,
97.2406

■ 57.8578, 67.8752,
97.2406

■ 51.8797, 62.4534,
96.5103

■ 64.8667, 73.9145,
98.0381

■ 46.8675, 57.6100,
95.8396

■ 72.9537, 80.5916,
98.9006

■ 42.7589, 53.3135,
95.2269

■ 82.1707, 87.9358,
99.8324

■ 39.4810, 49.5256,
94.6685

■ 91.6743, 95.5130,
100.7941

■ 36.9487, 46.2016,
94.1604

■ 93.5362, 99.2368,
101.4147

■ 35.0576, 43.2868,
93.6974

■ 93.6348, 99.4339,
101.4476

■ 34.3263, 42.0369,
93.4947

Harmonies

Analogous

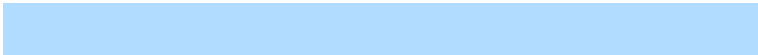
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.3077, 67.8752, 82.7489



57.8578, 67.8752, 97.2406



62.2732, 67.8752, 105.9325

Triad

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



57.8578, 67.8752, 97.2406



74.8965, 67.8752, 80.5879



61.5862, 67.8752, 49.4994

Complementary

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



57.8578, 67.8752, 97.2406



60.5863, 54.7393, 40.1749

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.



66.8066, 67.8752, 49.0859



57.8578, 67.8752, 97.2406



74.6877, 67.8752, 65.7140

Square

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



57.8578, 67.8752, 97.2406



72.2164, 67.8752, 95.4742



71.6607, 67.8752, 54.6369



57.3785, 67.8752, 55.8560

Rectangle

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



57.8578, 67.8752, 97.2406



65.7676, 67.8752, 106.5890



71.6607, 67.8752, 54.6369



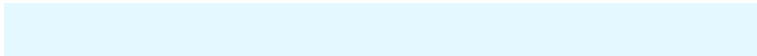
63.2752, 67.8752, 48.6946

Sweetspot

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



57.8599, 67.8779, 97.2422



83.3509, 90.8191, 107.7445



55.4224, 76.5507, 54.6634



17.5546, 19.2102, 23.0327



0.0000, 0.0000, 0.0000



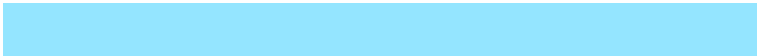
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8599, 67.8779, 97.2422



58.3058, 69.6288, 104.9744



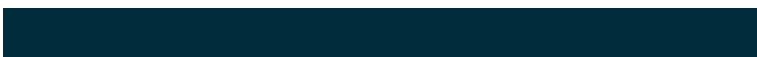
47.7031, 47.5643, 93.8566



16.6380, 18.0404, 21.1478



18.4365, 22.6668, 49.9415



1.6996, 2.1506, 4.4158

Inverse Universe

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



63.9965, 49.8270, 77.4817



65.9782, 48.0740, 80.0411



70.5997, 74.7660, 43.5127



17.0326, 16.6959, 19.9184



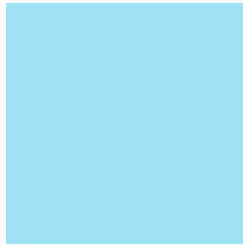
25.1104, 12.3876, 26.3535



2.2469, 1.1047, 2.5267

Previews

White Background



This preview shows how the XYZ color 57.8578, 67.8752, 97.2406 looks on a white background.

Color Contrast Check

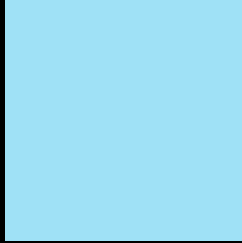
Large Text (above 18pt) WCAG AA × Fail

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 57.8578, 67.8752, 97.2406 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 57.8578, 67.8752, 97.2406

Background



This preview shows how black text looks on a background with the XYZ color 57.8578, 67.8752, 97.2406.

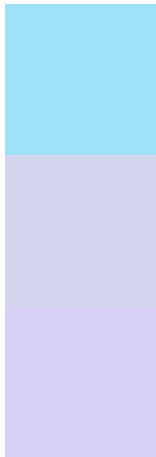


This preview shows how white text looks on a background with the XYZ color 57.8578, 67.8752,

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

57.8578, 67.8752, 97.2406

Protanopia

66.0908, 67.6104, 90.4557

Deuteranopia

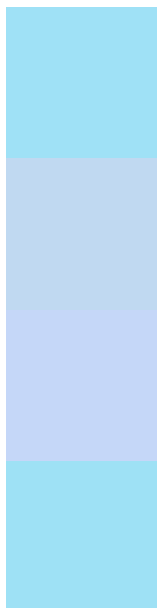
68.8128, 67.3459, 98.9948



Tritanopia

57.3549, 67.6512, 95.6230

Trichromacy



Original Color

57.8578, 67.8752, 97.2406

Protanomaly

62.4283, 67.1830, 92.8964

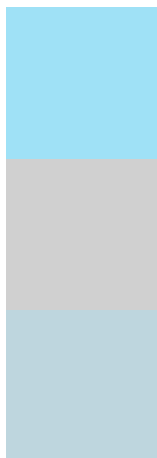
Deuteranomaly

64.2697, 67.2485, 98.3998

Tritanomaly

57.5072, 67.7121, 96.4250

Monochromacy



Original Color

57.8578, 67.8752, 97.2406

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.4666, 64.3142, 78.4396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8578, 67.8752, 97.2406 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(159, 225, 246)` looks like.

```
.text, #text, p{  
    color:rgb(159, 225, 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(159, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 225, 246) }
```

Border

The CSS property to change the border of an element to XYZ 57.8578, 67.8752, 97.2406 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(159, 225, 246) }
```


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

```
.border{ border-color:rgb(159, 225, 246) }
```

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

Here you see how a box with a 4 pixel rgb(159, 225, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(159, 225,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8578, 67.8752, 97.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 225, 246) }
```

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

```
.background{ background-color: rgb(159,  
225, 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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