

Converting Colors

XYZ(58.5722, 67.2394, 88.4887)

Have a look what the booklet for
XYZ(58.5722, 67.2394, 88.4887)
contains.

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Color

**XYZ(58.5722, 67.2394,
88.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDEEB
RGB	174, 222, 235
RGB Percent	68%, 87%, 92%
CMY	0.3176, 0.1294, 0.0784
CMYK	0.26, 0.06, 0.00, 0.08
HSL	193°, 60%, 80%
HSV	193°, 26%, 92%
XYZ	58.5722, 67.2394, 88.4887
YIQ	209.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

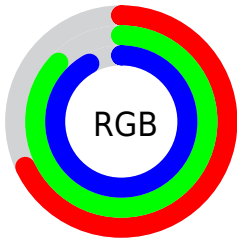
Format	Color
RYB	174, 201, 235
Decimal	11460331
CIELab	85.62, -12.55, -11.43
CIElCh	86, 16.971, 222.317
Yxy	67.2394, 0.2733, 0.3138
Android (android.graphics.Color)	4289650411 (0xFFFAEDEEB)
YUV	209.1300, 12.7539, -30.8090
Hunter-Lab	81.9996, -15.9971, -6.5822

Details

The XYZ color **58.5722, 67.2394, 88.4887** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.6720, 56.2591, 47.7598**, and the grayscale version is **60.6255, 63.7827, 69.4594**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **29.7011, 34.8852, 47.8159** is the 20% darker color. If you saturate the color by 10%, you get **52.4781, 62.1543, 87.8295**, and if you desaturate by 10%, it is **65.6257, 72.8811, 89.2070**.

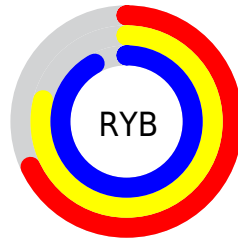
Distribution



Red (68%)

Green (87%)

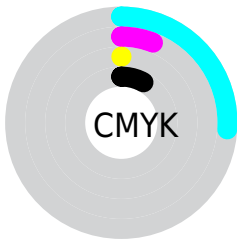
Blue (92%)



Red (68%)

Yellow (79%)

Blue (92%)

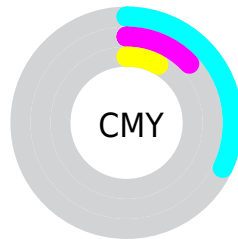


Cyan (26%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5722, 67.2394, 88.4887 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 58.5722, 67.2394, 88.4887 by changing the saturation by 10% instead.

■ 58.5722, 67.2394,
88.4887

■ 58.5722, 67.2394,
88.4887

409.2343,
450.7964, 543.5450

■ 42.5139, 49.2792,
66.1612

■ 101.8738,
115.2634, 147.1545

■ 29.6967, 34.8410,
47.9460

129.8479,
146.0960, 184.3298

■ 19.7555, 23.5404,
33.4244

162.5245,
181.9881, 227.2916

■ 12.3246, 14.9931,
22.1780

200.2691,
223.3242, 276.4583

■ 7.0389, 8.8145,
13.7882

243.4470,
270.4888, 332.2484

■ 3.5330, 4.6204,
7.8364

292.4236,

■ 1.4415, 2.0263,

323.8660, 395.0806

3.9042

347.5643,
383.8405, 465.3732

■ 0.2855, 0.6227,
1.5729

■ 0.0000, 0.0000,
0.2714

■ 58.5722, 67.2394,
88.4887

■ 58.5722, 67.2394,
88.4887

■ 52.4781, 62.1543,
87.8295

■ 65.6257, 72.8811,
89.2070

■ 47.2893, 57.5924,
87.2224

■ 73.6772, 79.0947,
89.9820

■ 42.9556, 53.5289,
86.6665

■ 82.7704, 85.9049,
90.8172

■ 39.4189, 49.9334,
86.1589

■ 87.9976, 90.7823,
91.4832

■ 36.6138, 46.7717,
85.6965

■ 89.5087, 93.8045,
91.9869

■ 34.4640, 44.0038,
85.2755

■ 91.0610, 96.9090,
92.5043

■ 32.8751, 41.5807,
84.8916

■ 91.9956, 98.7782,
92.8158

■ 32.3298, 40.6667,
84.7439

Harmonies

Analogous

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



56.9230, 67.2394, 77.8447



58.5722, 67.2394, 88.4887



61.6791, 67.2394, 95.4090

Triad

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



58.5722, 67.2394, 88.4887



71.2507, 67.2394, 79.8663



62.3375, 67.2394, 54.3328

Complementary

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



58.5722, 67.2394, 88.4887



59.6720, 56.2591, 47.7598

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.



66.1920, 67.2394, 54.7565



58.5722, 67.2394, 88.4887



71.4445, 67.2394, 68.7673

Square

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



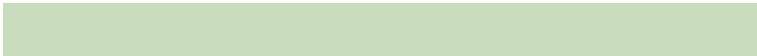
58.5722, 67.2394, 88.4887



69.0415, 67.2394, 90.0965



69.5606, 67.2394, 59.8037



59.0374, 67.2394, 58.5814

Rectangle

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



58.5722, 67.2394, 88.4887



64.2098, 67.2394, 96.5924



69.5606, 67.2394, 59.8037



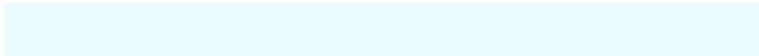
63.6092, 67.2394, 53.9466

Sweetspot

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



58.5742, 67.2421, 88.4902



86.5680, 93.5921, 108.1102



56.0494, 71.9703, 57.5048



18.2071, 19.7857, 23.1094



0.0000, 0.0000, 0.0000



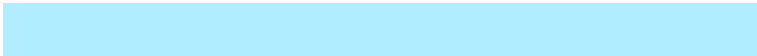
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5742, 67.2421, 88.4902



66.5634, 77.6846, 106.0941



51.3678, 52.8294, 86.0881



15.2295, 16.5454, 19.3131



18.0892, 22.8254, 47.1953



1.4883, 1.9280, 3.7286

Inverse Universe

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



62.5834, 53.2097, 76.0823



72.2112, 58.4733, 88.4902



66.6378, 70.1907, 50.0817



15.5694, 15.2556, 18.2836



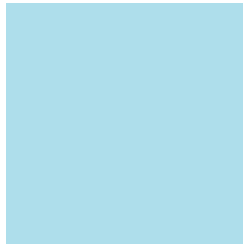
23.9859, 11.7971, 26.7908



1.9177, 0.9400, 2.2840

Previews

White Background



This preview shows how the XYZ color 58.5722, 67.2394, 88.4887 looks on a white background.

Color Contrast Check

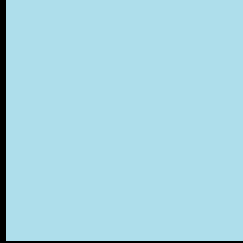
Large Text (above 18pt) WCAG AA × Fail

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 58.5722, 67.2394, 88.4887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

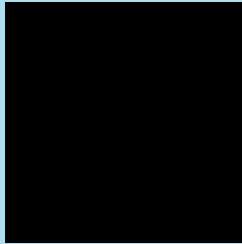
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5722, 67.2394, 88.4887

Background



This preview shows how black text looks on a background with the XYZ color 58.5722, 67.2394, 88.4887.

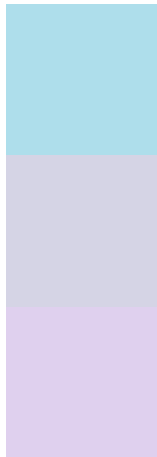


This preview shows how white text looks on a background with the XYZ color 58.5722, 67.2394,

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

58.5722, 67.2394, 88.4887

Protanopia

65.1269, 66.8902, 83.6073

Deuteranopia

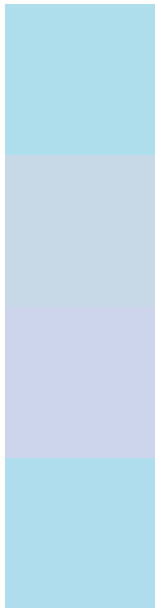
68.4199, 66.9728, 90.2098



Tritanopia

59.1156, 67.0589, 91.4893

Trichromacy



Original Color

58.5722, 67.2394, 88.4887

Protanomaly

62.5329, 67.0234, 85.2423

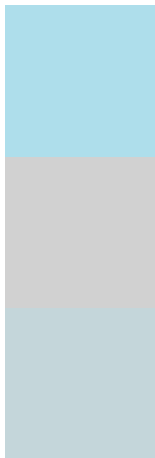
Deuteranomaly

64.2571, 66.6821, 89.6050

Tritanomaly

58.9683, 66.9999, 90.7132

Monochromacy



Original Color

58.5722, 67.2394, 88.4887

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.4664, 64.8909, 75.7206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5722, 67.2394, 88.4887 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(174, 222, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 222, 235)  
}
```

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(174, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 222, 235) }
```

Border

The CSS property to change the border of an element to XYZ 58.5722, 67.2394, 88.4887 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(174, 222, 235) }
```


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

```
.border{ border-color:rgb(174, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(174, 222,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5722, 67.2394, 88.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 222, 235) }
```

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

```
.background{ background-color: rgb(174,  
222, 235) }
```

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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