

Converting Colors

XYZ(58.1693, 65.9064, 89.4483)

Have a look what the booklet for
XYZ(58.1693, 65.9064, 89.4483)
contains.

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Color

**XYZ(58.0731, 65.7761,
89.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDBED
RGB	174, 219, 237
RGB Percent	68%, 86%, 93%
CMY	0.3176, 0.1412, 0.0706
CMYK	0.27, 0.08, 0.00, 0.07
HSL	197°, 64%, 81%
HSV	197°, 27%, 93%
XYZ	58.0731, 65.7761, 89.7560
YIQ	207.5970, -32.5980, -3.9420

Conversions

Conversions Part 2

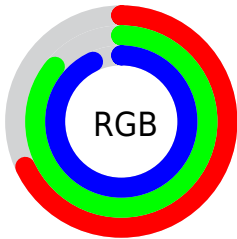
Format	Color
RYB	174, 200, 237
Decimal	11459565
CIELab	84.88, -10.56, -13.59
CIELCh	85, 17.213, 232.156
Yxy	65.7761, 0.2719, 0.3079
Android (android.graphics.Color)	4289649645 (0xFFFAEDBED)
YUV	207.5970, 14.4957, -29.4646
Hunter-Lab	81.1025, -14.1151, -8.8444

Details

The XYZ color **58.0731, 65.7761, 89.7560** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.4154, 58.7602, 48.1508**, and the grayscale version is **59.6193, 62.7241, 68.3066**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **29.3617, 33.8802, 48.7081** is the 20% darker color. If you saturate the color by 10%, you get **51.5217, 59.8312, 88.9549**, and if you desaturate by 10%, it is **65.6319, 72.3503, 90.6276**.

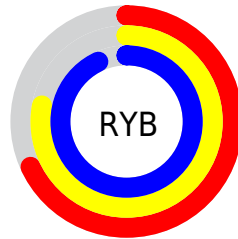
Distribution



Red (68%)

Green (86%)

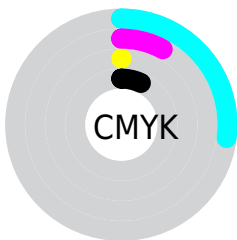
Blue (93%)



Red (68%)

Yellow (78%)

Blue (93%)

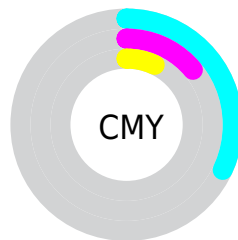


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0731, 65.7761, 89.7560 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 58.0731, 65.7761, 89.7560 by changing the saturation by 10% instead.

■ 58.0731, 65.7761,
89.7560

■ 58.0731, 65.7761,
89.7560

407.4077,
445.5757, 547.7864

■ 42.1109, 48.0907,
67.2057

■ 101.1517,
113.1649, 148.9320

■ 29.3796, 33.8987,
48.7892

128.9987,
143.6371, 186.3948

■ 19.5139, 22.8158,
34.0878

161.5381,
179.1403, 229.6654

■ 12.1484, 14.4575,
22.6832

199.1353,
220.0589, 279.1626

■ 6.9178, 8.4396,
14.1567

242.1554,
266.7774, 335.3047

■ 3.4566, 4.3775,
8.0897

290.9640,

■ 1.3996, 1.8869,

319.6801, 398.5104

4.0638

345.9263,
379.1514, 469.1981

■ 0.2559, 0.5405,
1.6604

■ 0.0000, 0.0000,
0.3334

■ 58.0731, 65.7761,
89.7560

■ 58.0731, 65.7761,
89.7560

■ 51.5217, 59.8312,
88.9549

■ 65.6319, 72.3503,
90.6276

■ 45.9219, 54.4806,
88.2173

■ 74.2383, 79.5707,
91.5677

■ 41.2213, 49.6978,
87.5419

■ 83.9376, 87.4637,
92.5800

■ 37.3601, 45.4505,
86.9256

■ 89.5083, 93.3387,
93.4204

■ 34.2701, 41.7023,
86.3649

■ 91.6064, 97.5348,
94.1197

■ 31.8721, 38.4110,
85.8560

■ 92.2863, 98.8945,
94.3464

■ 30.0661, 35.5237,
85.3939

■ 29.5293, 34.6006,
85.2440

Harmonies

Analogous

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



55.8912, 65.7761, 79.9408



58.0731, 65.7761, 89.7560



61.5105, 65.7761, 94.8149

Triad

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



58.0731, 65.7761, 89.7560



70.1652, 65.7761, 74.5601



59.7599, 65.7761, 53.6764

Complementary

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



58.0731, 65.7761, 89.7560



61.4154, 58.7602, 48.1508

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.



63.5369, 65.7761, 52.5530



58.0731, 65.7761, 89.7560



69.6494, 65.7761, 63.8957

Square

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



58.0731, 65.7761, 89.7560



68.5662, 65.7761, 85.4717



67.1846, 65.7761, 56.1063



56.8368, 65.7761, 59.3503

Rectangle

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



58.0731, 65.7761, 89.7560



64.0947, 65.7761, 94.4803



67.1846, 65.7761, 56.1063



60.9678, 65.7761, 52.7793

Sweetspot

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



58.0751, 65.7787, 89.7575



86.1080, 92.6720, 107.9569



57.2389, 73.3674, 60.9280



18.0907, 19.5529, 23.0706



0.0000, 0.0000, 0.0000



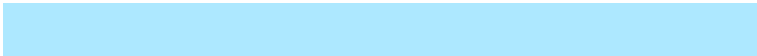
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0751, 65.7787, 89.7575



64.1413, 73.6881, 105.4504



50.6515, 50.9317, 87.2830



15.1330, 16.3524, 19.2810



16.2392, 19.1254, 46.5786



1.3565, 1.6645, 3.6847

Inverse Universe

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



62.8489, 53.3927, 74.0141



70.7817, 57.1093, 83.4050



69.0475, 74.0244, 50.6948



15.5207, 15.2361, 18.0272



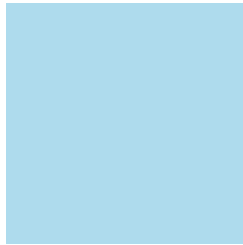
23.0521, 11.4235, 21.8735



1.8512, 0.9134, 1.9339

Previews

White Background



This preview shows how the XYZ color 58.0731, 65.7761, 89.7560 looks on a white background.

Color Contrast Check

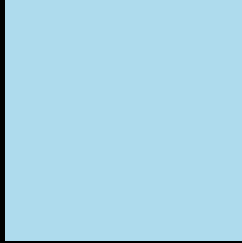
Large Text (above 18pt) WCAG AA × Fail

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 58.0731, 65.7761, 89.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

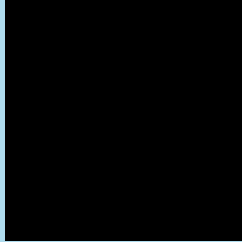
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0731, 65.7761, 89.7560

Background



This preview shows how black text looks on a background with the XYZ color 58.0731, 65.7761, 89.7560.

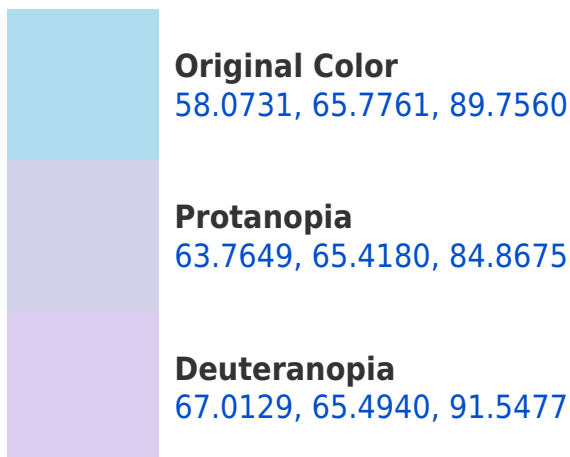


This preview shows how white text looks on a background with the XYZ color 58.0731, 65.7761,

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

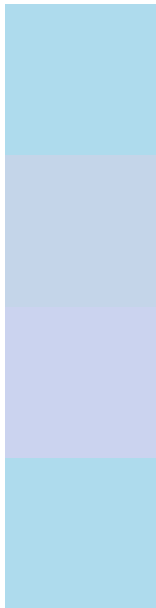




Tritanopia

58.0731, 65.7761, 89.7560

Trichromacy



Original Color

58.0731, 65.7761, 89.7560

Protanomaly

61.2672, 65.2075, 86.4480

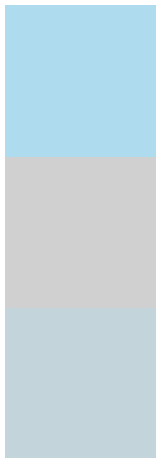
Deuteranomaly

63.5029, 65.5170, 90.9604

Tritanomaly

58.0731, 65.7761, 89.7560

Monochromacy



Original Color

58.0731, 65.7761, 89.7560

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0946, 63.9372, 76.2443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0731, 65.7761, 89.7560 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, 219, 237)` looks like.

```
.text, #text, p{  
    color:rgb(174, 219, 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(174, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 219, 237) }
```

Border

The CSS property to change the border of an element to XYZ 58.0731, 65.7761, 89.7560 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, 219, 237) }
```


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

```
.border{ border-color:rgb(174, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(174, 219,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0731, 65.7761, 89.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 219, 237) }
```

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

```
.background{ background-color: rgb(174,  
219, 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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