

Converting Colors

XYZ(60.6111, 67.4658, 86.9136)

Have a look what the booklet for
XYZ(60.6111, 67.4658, 86.9136)
contains.

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Color

**XYZ(60.5509, 67.5087,
86.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	BADCE9
RGB	186, 220, 233
RGB Percent	73%, 86%, 91%
CMY	0.2706, 0.1372, 0.0863
CMYK	0.20, 0.06, 0.00, 0.09
HSL	197°, 52%, 82%
HSV	197°, 20%, 91%
XYZ	60.5509, 67.5087, 86.9299
YIQ	211.3160, -24.4370, -3.1650

Conversions

Conversions Part 2

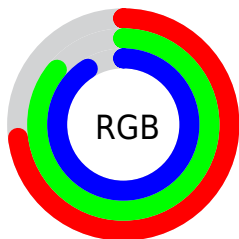
Format	Color
RYB	186, 206, 233
Decimal	12246249
CIELab	85.76, -8.39, -10.09
CIELCh	86, 13.125, 230.238
Yxy	67.5087, 0.2816, 0.3140
Android (android.graphics.Color)	4290436329 (0xFFBADCE9)
YUV	211.3160, 10.6902, -22.2021
Hunter-Lab	82.1637, -12.2400, -5.2148

Details

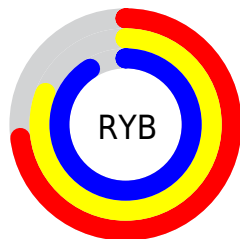
The XYZ color **60.5509, 67.5087, 86.9299** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.8913, 61.7158, 55.0534**, and the grayscale version is **62.0705, 65.3030, 71.1149**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.9067, 34.9901, 46.7198** is the 20% darker color. If you saturate the color by 10%, you get **53.6872, 61.5097, 86.1348**, and if you desaturate by 10%, it is **68.4067, 74.1194, 87.7929**.

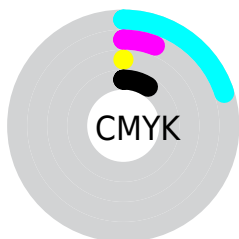
Distribution



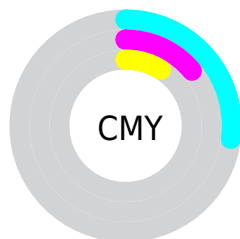
- Red (73%)
- Green (86%)
- Blue (91%)



- Red (73%)
- Yellow (81%)
- Blue (91%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5509, 67.5087, 86.9299 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 60.5509, 67.5087, 86.9299 by changing the saturation by 10% instead.

■ 60.5509, 67.5087,
86.9299

■ 60.5509, 67.5087,
86.9299

416.4277,
451.7533, 538.3027

■ 44.1140, 49.4981,
64.8779

■ 104.7302,
115.6490, 144.9644

■ 30.9584, 35.0148,
46.9114

133.2033,
146.5476, 181.7841

■ 20.7189, 23.6743,
32.6117

166.4192,
182.5109, 224.3633

■ 13.0299, 15.0922,
21.5605

204.7432,
223.9235, 273.1207

■ 7.5263, 8.8841,
13.3391

248.5407,
271.1696, 328.4748

■ 3.8426, 4.6657,
7.5290

298.1770,

■ 1.6135, 2.0525,

324.6337, 390.8441

3.7117

354.0176,
384.7001, 460.6473

■ 0.4012, 0.6377,
1.4685

■ 0.0000, 0.0000,
0.1943

■ 60.5509, 67.5087,
86.9299

■ 60.5509, 67.5087,
86.9299

■ 53.6872, 61.5097,
86.1348

■ 68.4067, 74.1194,
87.7929

■ 47.7643, 56.0897,
85.4008

■ 77.2911, 81.3564,
88.7216

■ 42.7350, 51.2249,
84.7269

■ 86.9128, 89.0724,
89.7038

■ 38.5456, 46.8866,
84.1103

■ 88.8365, 92.9198,
90.3450

■ 35.1361, 43.0427,
83.5481

■ 90.8282, 96.9032,
91.0089

■ 32.4380, 39.6567,
83.0367

■ 91.7082, 98.6633,
91.3023

■ 30.3700, 36.6856,
82.5723

■ 28.8159, 34.0986,
82.1548

Harmonies

Analogous

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



58.9108, 67.5087, 79.3611



60.5509, 67.5087, 86.9299



63.1933, 67.5087, 90.9914

Triad

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



60.5509, 67.5087, 86.9299



70.0108, 67.5087, 76.3381



62.1930, 67.5087, 59.0884

Complementary

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



60.5509, 67.5087, 86.9299



62.8913, 61.7158, 55.0534

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.



65.1466, 67.5087, 58.4169



60.5509, 67.5087, 86.9299



69.7227, 67.5087, 67.9453

Square

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



60.5509, 67.5087, 86.9299



68.6955, 67.5087, 84.5695



67.9201, 67.5087, 61.5396



59.8382, 67.5087, 63.4511

Rectangle

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



60.5509, 67.5087, 86.9299



65.1943, 67.5087, 90.9639



67.9201, 67.5087, 61.5396



63.1466, 67.5087, 58.4373

Sweetspot

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



60.5529, 67.5115, 86.9314



88.3085, 94.5429, 108.2020



59.6446, 72.8201, 64.6627



18.7506, 20.1126, 23.1438



0.0000, 0.0000, 0.0000



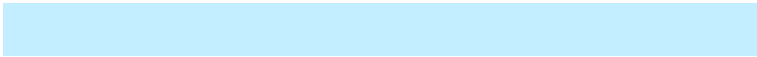
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5529, 67.5115, 86.9314



70.8435, 79.8561, 106.2877



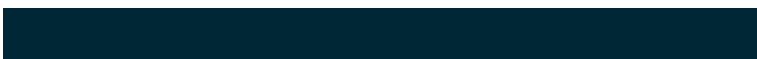
54.9177, 56.2411, 85.0530



15.1451, 16.3766, 19.2850



16.4596, 19.5662, 46.6521



1.3724, 1.6962, 3.6899

Inverse Universe

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



64.0831, 57.6103, 75.4556



75.9311, 65.9321, 89.6715



68.5985, 73.1303, 56.9559



15.5268, 15.2386, 18.0594



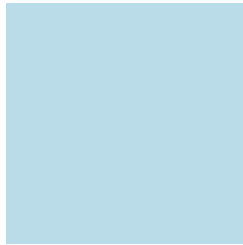
23.1633, 11.4680, 22.4593



1.8592, 0.9167, 1.9760

Previews

White Background



This preview shows how the XYZ color 60.5509, 67.5087, 86.9299 looks on a white background.

Color Contrast Check

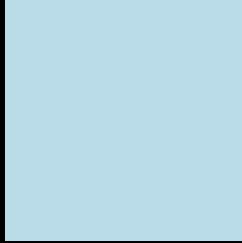
Large Text (above 18pt) WCAG AA × Fail

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 60.5509, 67.5087, 86.9299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

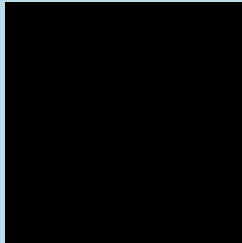
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5509, 67.5087, 86.9299

Background



This preview shows how black text looks on a background with the XYZ color 60.5509, 67.5087, 86.9299.

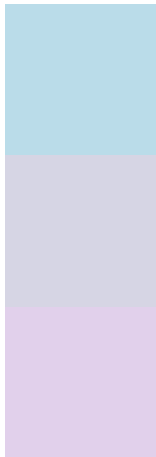


This preview shows how white text looks on a background with the XYZ color 60.5509, 67.5087,

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

60.5509, 67.5087, 86.9299

Protanopia

65.5294, 67.4861, 82.9711

Deuteranopia

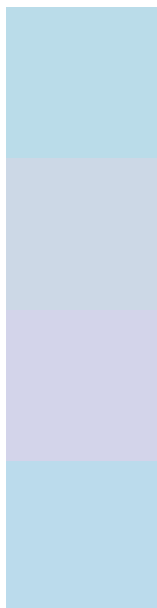
68.6026, 67.1175, 87.9365



Tritanopia

61.1111, 67.3423, 89.8982

Trichromacy



Original Color

60.5509, 67.5087, 86.9299

Protanomaly

63.7406, 67.6623, 84.5635

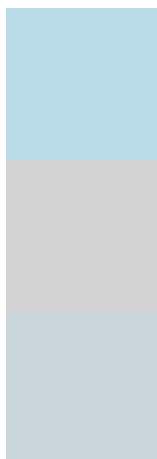
Deuteranomaly

65.2587, 66.8764, 87.3108

Tritanomaly

60.9654, 67.2840, 89.1308

Monochromacy



Original Color

60.5509, 67.5087, 86.9299

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1899, 65.7642, 76.4865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5509, 67.5087, 86.9299 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(186, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(186, 220, 233)  
}
```

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(186, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 220, 233) }
```

Border

The CSS property to change the border of an element to XYZ 60.5509, 67.5087, 86.9299 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(186, 220, 233) }
```


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

```
.border{ border-color:rgb(186, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(186, 220,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5509, 67.5087, 86.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 220, 233) }
```

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

```
.background{ background-color: rgb(186,  
220, 233) }
```

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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