

Converting Colors

XYZ(60.5949, 67.1904, 84.6372)

Have a look what the booklet for
XYZ(60.5949, 67.1904, 84.6372)
contains.

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Color

**XYZ(60.6007, 67.1950,
84.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBE6
RGB	189, 219, 230
RGB Percent	74%, 86%, 90%
CMY	0.2588, 0.1412, 0.0980
CMYK	0.18, 0.05, 0.00, 0.10
HSL	196°, 45%, 82%
HSV	196°, 18%, 90%
XYZ	60.6007, 67.1950, 84.6388
YIQ	211.2840, -21.4110, -2.9390

Conversions

Conversions Part 2

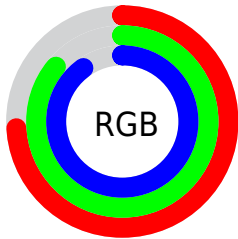
Format	Color
RYB	189, 206, 230
Decimal	12442598
CIELab	85.60, -7.60, -8.72
CIELCh	86, 11.563, 228.930
Yxy	67.1950, 0.2853, 0.3163
Android (android.graphics.Color)	4290632678 (0xFFBDDBE6)
YUV	211.2840, 9.2270, -19.5431
Hunter-Lab	81.9726, -11.4904, -3.8377

Details

The XYZ color **60.6007, 67.1950, 84.6388** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.4733, 61.8057, 56.7825**, and the grayscale version is **62.0572, 65.2890, 71.0997**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.0050, 34.7970, 45.6398** is the 20% darker color. If you saturate the color by 10%, you get **53.7623, 61.3262, 83.8675**, and if you desaturate by 10%, it is **68.4074, 73.6551, 85.4753**.

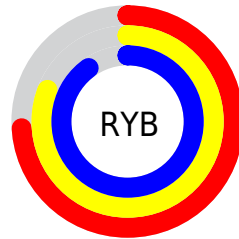
Distribution



Red (74%)

Green (86%)

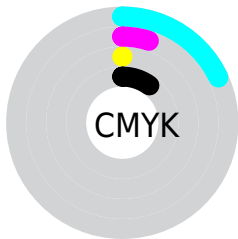
Blue (90%)



Red (74%)

Yellow (81%)

Blue (90%)

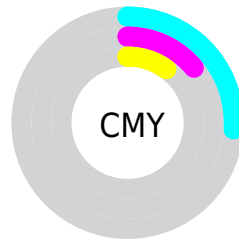


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (14%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6007, 67.1950, 84.6388 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 60.6007, 67.1950, 84.6388 by changing the saturation by 10% instead.

■ 60.6007, 67.1950,
84.6388

■ 60.6007, 67.1950,
84.6388

416.6078,
450.6386, 530.5455

■ 44.1543, 49.2431,
62.9945

■ 104.8020,
115.1998, 141.7381

■ 30.9903, 34.8124,
45.3958

133.2875,
146.0215, 178.0302

■ 20.7432, 23.5184,
31.4241

166.5169,
181.9019, 220.0420

■ 13.0478, 14.9767,
20.6608

204.8554,
223.2254, 268.1921

■ 7.5387, 8.8031,
12.6875

248.6684,
270.3764, 322.8989

■ 3.8505, 4.6130,
7.0855

298.3212,

■ 1.6179, 2.0220,

323.7394, 384.5811

3.4364

354.1792,
383.6986, 453.6571

■ 0.4041, 0.6202,
1.3215

■ 0.0000, 0.0000,
0.0793

■ 60.6007, 67.1950,
84.6388

■ 60.6007, 67.1950,
84.6388

■ 53.7623, 61.3262,
83.8675

■ 68.4074, 73.6551,
85.4753

■ 47.8432, 56.0171,
83.1547

■ 77.2169, 80.7198,
86.3747

■ 42.7987, 51.2456,
82.4996

■ 85.9558, 87.8386,
87.2881

■ 38.5779, 46.9844,
81.8996

■ 87.7780, 91.4829,
87.8955

■ 35.1244, 43.2034,
81.3518

■ 89.6623, 95.2515,
88.5236

■ 32.3742, 39.8687,
80.8531

■ 91.2831, 98.4933,
89.0639

■ 30.2522, 36.9404,
80.3997

■ 28.6551, 34.3643,
79.9866

■ 28.3430, 33.8330,
79.9005

Harmonies

Analogous

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



59.2003, 67.1950, 77.9653



60.6007, 67.1950, 84.6388



62.9004, 67.1950, 88.3229

Triad

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



60.6007, 67.1950, 84.6388



68.9611, 67.1950, 75.9811



62.2398, 67.1950, 60.2977

Complementary

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



60.6007, 67.1950, 84.6388



62.4733, 61.8057, 56.7825

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.



64.8431, 67.1950, 59.8470



60.6007, 67.1950, 84.6388



68.7724, 67.1950, 68.5639

Square

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



60.6007, 67.1950, 84.6388



67.7570, 67.1950, 83.1007



67.2483, 67.1950, 62.7761



60.1285, 67.1950, 64.0526

Rectangle

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



60.6007, 67.1950, 84.6388



64.6553, 67.1950, 88.4295



67.2483, 67.1950, 62.7761



63.0848, 67.1950, 59.7648

Sweetspot

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



60.6027, 67.1978, 84.6403



89.4325, 95.4989, 108.3273



59.7018, 71.5806, 65.2739



18.9789, 20.3087, 23.1696



0.0000, 0.0000, 0.0000



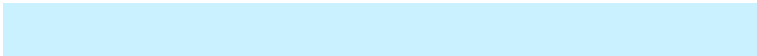
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6027, 67.1978, 84.6403



73.6064, 82.3957, 106.6322



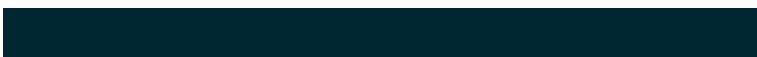
55.5943, 57.1811, 82.9709



14.4633, 15.6480, 18.4024



16.1518, 19.3658, 45.2698



1.2691, 1.5822, 3.3705

Inverse Universe

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



63.6185, 58.3342, 74.9275



78.0547, 69.5726, 92.2497



67.5267, 71.9125, 58.4669



14.8214, 14.5458, 17.2601



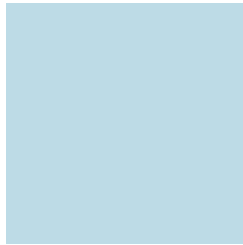
22.5462, 11.1527, 22.3031



1.7042, 0.8394, 1.8490

Previews

White Background



This preview shows how the XYZ color 60.6007, 67.1950, 84.6388 looks on a white background.

Color Contrast Check

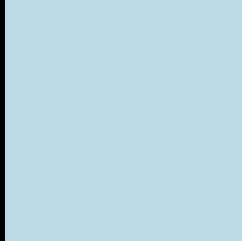
Large Text (above 18pt) WCAG AA × Fail

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 60.6007, 67.1950, 84.6388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

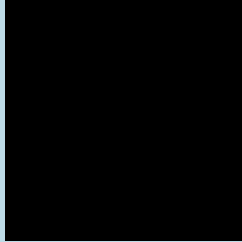
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6007, 67.1950, 84.6388

Background



This preview shows how black text looks on a background with the XYZ color 60.6007, 67.1950, 84.6388.

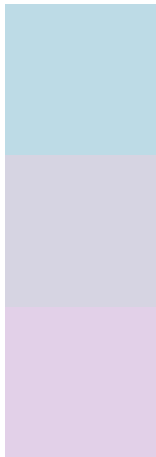


This preview shows how white text looks on a background with the XYZ color 60.6007, 67.1950,

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

60.6007, 67.1950, 84.6388

Protanopia

65.0025, 66.8741, 81.4335

Deuteranopia

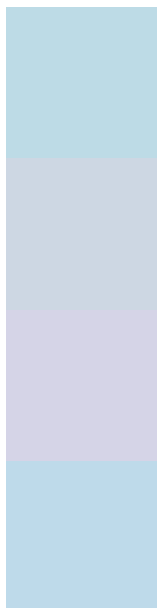
68.4854, 67.1067, 85.6872



Tritanopia

61.4469, 67.1461, 89.0788

Trichromacy



Original Color

60.6007, 67.1950, 84.6388

Protanomaly

63.3424, 67.1261, 82.2912

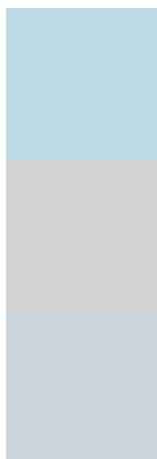
Deuteranomaly

65.4079, 67.0026, 85.0867

Tritanomaly

61.1579, 67.0305, 87.5567

Monochromacy



Original Color

60.6007, 67.1950, 84.6388

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3301, 65.8516, 75.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6007, 67.1950, 84.6388 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(189, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 230)  
}
```

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(189, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.6007, 67.1950, 84.6388 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(189, 219, 230) }
```


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

```
.border{ border-color:rgb(189, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6007, 67.1950, 84.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 230) }
```

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

```
.background{ background-color: rgb(189,  
219, 230) }
```

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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