

Converting Colors

XYZ(60.5703, 67.2116, 83.1795)

Have a look what the booklet for
XYZ(60.5703, 67.2116, 83.1795)
contains.

XYZ(60.5703, 67.2116, 83.1795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5703, 67.2116,
83.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDBE4
RGB	190, 219, 228
RGB Percent	75%, 86%, 89%
CMY	0.2549, 0.1412, 0.1059
CMYK	0.17, 0.04, 0.00, 0.11
HSL	194°, 41%, 82%
HSV	194°, 17%, 89%
XYZ	60.5703, 67.2116, 83.1795
YIQ	211.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

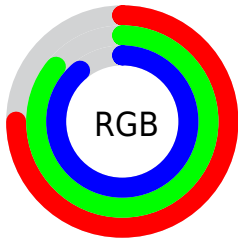
Format	Color
R_{YB}	190, 206, 228
Decimal	12508132
CIE Lab	85.61, -7.70, -7.64
CIE LCh	86, 10.850, 224.758
Yxy	67.2116, 0.2871, 0.3186
Android (android.graphics.Color)	4290698212 (0xFFBEDBE4)
YUV	211.3550, 8.2060, -18.7283
Hunter-Lab	81.9827, -11.5906, -2.7677

Details

The XYZ color **60.5703, 67.2116, 83.1795** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.7131, 61.0585, 57.2493**, and the grayscale version is **62.1101, 65.3447, 71.1604**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.9716, 34.8023, 44.6203** is the 20% darker color. If you saturate the color by 10%, you get **53.9299, 61.7331, 82.4731**, and if you desaturate by 10%, it is **68.1511, 73.2462, 83.9458**.

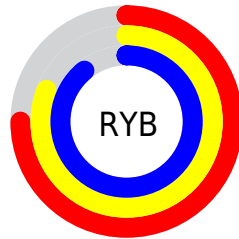
Distribution



Red (75%)

Green (86%)

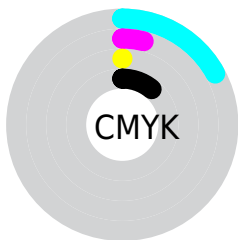
Blue (89%)



Red (75%)

Yellow (81%)

Blue (89%)

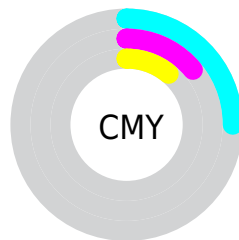


Cyan (17%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5703, 67.2116, 83.1795 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 60.5703, 67.2116, 83.1795 by changing the saturation by 10% instead.

■ 60.5703, 67.2116,
83.1795

■ 60.5703, 67.2116,
83.1795

416.4978,
450.6976, 525.5712

■ 44.1297, 49.2566,
61.7968

■ 104.7582,
115.2236, 139.6783

■ 30.9708, 34.8231,
44.4338

133.2361,
146.0493, 175.6315

■ 20.7284, 23.5266,
30.6720

166.4573,
181.9341, 217.2786

■ 13.0369, 14.9828,
20.0928

204.7869,
223.2624, 265.0381

■ 7.5311, 8.8073,
12.2778

248.5904,
270.4184, 319.3285

■ 3.8457, 4.6157,
6.8083

298.2332,

■ 1.6152, 2.0236,

323.7867, 380.5685

3.2659

354.0805,
383.7517, 449.1766

■ 0.4023, 0.6211,
1.2320

■ 0.0000, 0.0000,
0.0050

■ 60.5703, 67.2116,
83.1795

■ 60.5703, 67.2116,
83.1795

■ 53.9299, 61.7331,
82.4731

■ 68.1511, 73.2462,
83.9458

■ 48.1824, 56.7803,
81.8201

■ 76.7055, 79.8494,
84.7695

■ 43.2846, 52.3321,
81.2196

■ 85.0092, 86.3924,
85.5948

■ 39.1875, 48.3626,
80.6694

■ 86.5801, 89.5342,
86.1184

■ 35.8369, 44.8431,
80.1666

■ 88.1983, 92.7706,
86.6578

■ 33.1713, 41.7413,
79.7084

■ 89.8643, 96.1025,
87.2131

■ 31.1189, 39.0195,
79.2912

■ 91.0038, 98.3815,
87.5930

■ 29.5887, 36.6300,
78.9107

■ 29.1434, 35.8808,
78.7895

Harmonies

Analogous

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



59.4006, 67.2116, 76.7007



60.5703, 67.2116, 83.1795



62.6426, 67.2116, 87.1003

Triad

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



60.5703, 67.2116, 83.1795



68.5737, 67.2116, 76.8151



62.6808, 67.2116, 60.8053

Complementary

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



60.5703, 67.2116, 83.1795



61.7131, 61.0585, 57.2493

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.



65.1389, 67.2116, 60.8315



60.5703, 67.2116, 83.1795



68.5845, 67.2116, 69.7726

Square

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



60.5703, 67.2116, 83.1795



67.2842, 67.2116, 83.2679



67.3135, 67.2116, 64.0195



60.5976, 67.2116, 63.9453

Rectangle

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



60.5703, 67.2116, 83.1795



64.2773, 67.2116, 87.5857



67.3135, 67.2116, 64.0195



63.4896, 67.2116, 60.4509

Sweetspot

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



60.5723, 67.2144, 83.1810



89.5583, 95.7505, 108.3692



59.2731, 70.5525, 64.4469



19.0095, 20.3700, 23.1798



0.0000, 0.0000, 0.0000



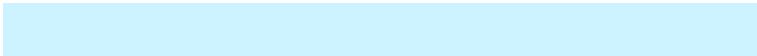
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5723, 67.2144, 83.1810



74.9800, 84.1137, 106.8914



55.9252, 57.9203, 81.6320



14.5031, 15.7276, 18.4157



16.9238, 20.9097, 45.5272



1.3206, 1.6851, 3.3876

Inverse Universe

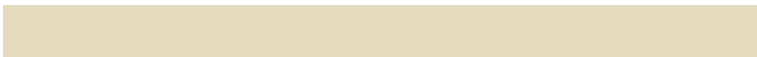
The Inverse Universe completely reimagines the original color for something new.



63.1961, 58.4368, 74.9696



78.9992, 70.9123, 94.2584



66.3271, 70.2866, 58.7873



14.8415, 14.5538, 17.3658



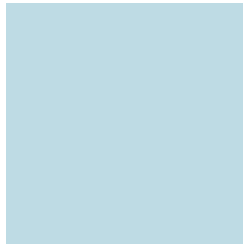
22.9359, 11.3086, 24.3550



1.7302, 0.8498, 1.9858

Previews

White Background



This preview shows how the XYZ color 60.5703, 67.2116, 83.1795 looks on a white background.

Color Contrast Check

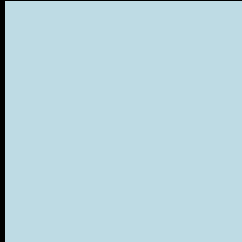
Large Text (above 18pt) WCAG AA × Fail

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 60.5703, 67.2116, 83.1795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

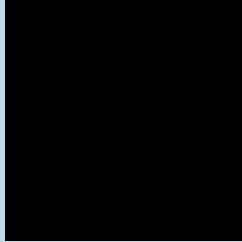
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5703, 67.2116, 83.1795

Background



This preview shows how black text looks on a background with the XYZ color 60.5703, 67.2116, 83.1795.

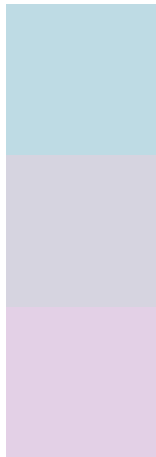


This preview shows how white text looks on a background with the XYZ color 60.5703, 67.2116,

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

60.5703, 67.2116, 83.1795

Protanopia

64.7296, 66.7649, 79.9963

Deuteranopia

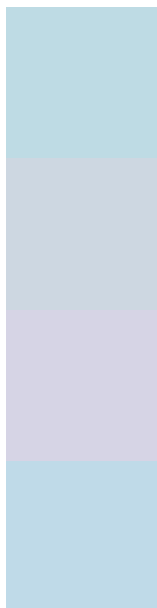
68.5174, 67.1558, 84.2140



Tritanopia

61.5527, 67.2173, 88.3273

Trichromacy



Original Color

60.5703, 67.2116, 83.1795

Protanomaly

63.0679, 67.0163, 80.8456

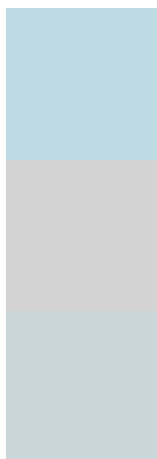
Deuteranomaly

65.4179, 67.0403, 83.6209

Tritanomaly

61.1227, 67.0454, 86.0635

Monochromacy



Original Color

60.5703, 67.2116, 83.1795

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1996, 65.7994, 75.1206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5703, 67.2116, 83.1795 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(190, 219, 228)` looks like.

```
.text, #text, p{  
    color:rgb(190, 219, 228)  
}
```

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(190, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 219, 228) }
```

Border

The CSS property to change the border of an element to XYZ 60.5703, 67.2116, 83.1795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

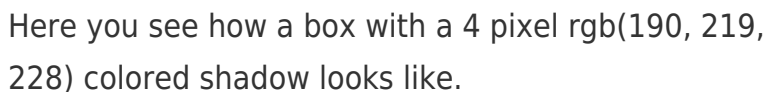
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 219, 228) }
```


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

```
.border{ border-color:rgb(190, 219, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 219, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 219, 228); box-shadow:4px 4px 4px 4px rgb(190, 219, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5703, 67.2116, 83.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 219, 228) }
```

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

```
.background{ background-color: rgb(190,  
219, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor