

Converting Colors

XYZ(57.8121, 65.9742, 66.6896)

Have a look what the booklet for
XYZ(57.8121, 65.9742, 66.6896)
contains.

XYZ(57.9688, 66.2291, 66.8550)	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(57.9688, 66.2291,
66.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DBCC
RGB	192, 219, 204
RGB Percent	75%, 86%, 80%
CMY	0.2471, 0.1412, 0.2000
CMYK	0.12, 0.00, 0.07, 0.14
HSL	147°, 27%, 81%
HSV	147°, 12%, 86%
XYZ	57.9688, 66.2291, 66.8550
YIQ	209.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

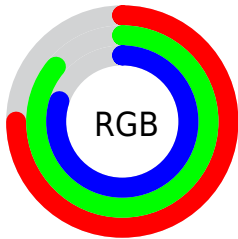
Format	Color
R _Y B	192, 211, 219
Decimal	12639180
CIE Lab	85.11, -11.81, 4.34
CIE LCh	85, 12.584, 159.806
Yxy	66.2291, 0.3034, 0.3467
Android (android.graphics.Color)	4290829260 (0xFFC0DBCC)
YUV	209.2170, -2.5720, -15.0993
Hunter-Lab	81.3813, -15.2696, 8.2599

Details

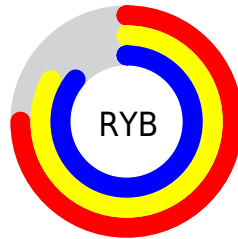
The XYZ color **57.9688, 66.2291, 66.8550** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3279, 57.2659, 66.9609**, and the grayscale version is **60.7690, 63.9337, 69.6238**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **29.2617, 34.1562, 33.9047** is the 20% darker color. If you saturate the color by 10%, you get **51.4282, 63.0212, 59.2264**, and if you desaturate by 10%, it is **65.4523, 69.9136, 75.1258**.

Distribution



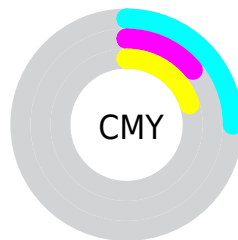
- Red (75%)
- Green (86%)
- Blue (80%)



- Red (75%)
- Yellow (83%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9688, 66.2291, 66.8550 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 57.9688, 66.2291, 66.8550 by changing the saturation by 10% instead.

■ 57.9688, 66.2291,
66.8550

■ 57.9688, 66.2291,
66.8550

407.0254,
447.1958, 467.9159

■ 42.0267, 48.4584,
48.5059

■ 101.0006,
113.8151, 116.3513

■ 29.3134, 34.1900,
33.8649

128.8211,
144.3992, 148.3356

■ 19.4635, 23.0396,
22.5133

161.3318,
180.0232, 185.7021

■ 12.1117, 14.6228,
14.0326

198.8980,
221.0715, 228.8693

■ 6.8925, 8.5551,
8.0044

241.8851,
267.9285, 278.2557

■ 3.4407, 4.4521,
4.0099


290.6585,


■ 1.3909, 1.9296,


320.9786, 334.2799


1.6308


345.5835,
380.6063, 397.3605


 0.2497, 0.5661,
0.3126


 0.0000, 0.0000,
0.0000


 57.9688, 66.2291,
66.8550


 57.9688, 66.2291,
66.8550


 51.4282, 63.0212,
59.2264


 65.4523, 69.9136,
75.1258


 45.7860, 60.2618,
52.2203

 73.9098, 74.0848,
84.0491

 41.0024, 57.9325,
45.8220

 82.3762, 78.2469,
93.5938

 37.0323, 56.0102,
40.0151

 84.2504, 78.9966,
103.4634

■ 33.8262, 54.4699,
34.7819

■ 84.6228, 79.1455,
105.4243

■ 31.3289, 53.2835,
30.1041

■ 29.4774, 52.4187,
25.9623

■ 28.1962, 51.8372,
22.3353

■ 27.5056, 51.5347,
19.8865

Harmonies

Analogous

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



59.5222, 66.2291, 60.7690



57.9688, 66.2291, 66.8550



57.7273, 66.2291, 74.8047

Triad

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



57.9688, 66.2291, 66.8550



63.8820, 66.2291, 88.6202



67.2311, 66.2291, 62.5700

Complementary

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



57.9688, 66.2291, 66.8550



59.3279, 57.2659, 66.9609

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.



68.4760, 66.2291, 69.4851



57.9688, 66.2291, 66.8550



66.5044, 66.2291, 84.7859

Square

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



57.9688, 66.2291, 66.8550



61.0853, 66.2291, 87.7833



68.2061, 66.2291, 77.6381



64.8498, 66.2291, 58.4268

Rectangle

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



57.9688, 66.2291, 66.8550



58.3351, 66.2291, 80.1562



68.2061, 66.2291, 77.6381



67.7995, 66.2291, 64.6253

Sweetspot

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



57.9707, 66.2319, 66.8565



90.4973, 97.7569, 103.9942



60.6643, 67.7805, 59.7556



19.1922, 20.8364, 22.0652



0.0000, 0.0000, 0.0000



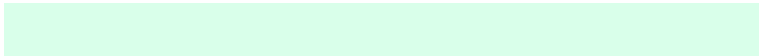
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9707, 66.2319, 66.8565



79.1161, 92.1595, 91.2711



59.6224, 66.8926, 75.5543



13.1258, 14.7019, 15.1252



16.3620, 30.5774, 12.0717



1.1029, 1.9981, 1.0081

Inverse Universe

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



59.3279, 57.2659, 66.9609



81.4213, 76.9301, 91.4479



57.7802, 56.6469, 58.8108



13.3574, 13.1720, 15.1431



19.4492, 9.7807, 12.0117



1.3031, 0.6509, 1.0053

Previews

White Background



This preview shows how the XYZ color 57.9688, 66.2291, 66.8550 looks on a white background.

Color Contrast Check

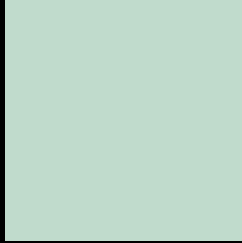
Large Text (above 18pt) WCAG AA × Fail

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 57.9688, 66.2291, 66.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

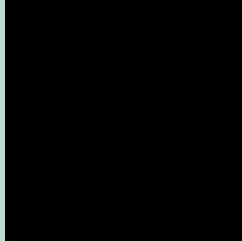
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

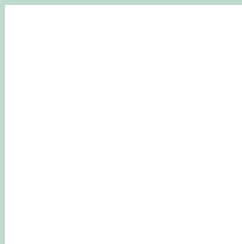
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9688, 66.2291, 66.8550

Background



This preview shows how black text looks on a background with the XYZ color 57.9688, 66.2291, 66.8550.

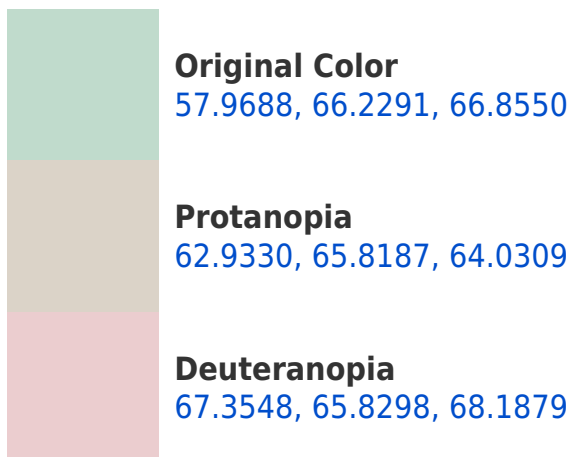


This preview shows how white text looks on a background with the XYZ color 57.9688, 66.2291,

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

61.8919, 66.2974, 85.8786

Trichromacy



Original Color

57.9688, 66.2291, 66.8550

Protanomaly

60.8837, 65.8655, 64.7627

Deuteranomaly

63.4006, 65.6095, 67.7148

Tritanomaly

60.2464, 65.9878, 78.6688

Monochromacy



Original Color

57.9688, 66.2291, 66.8550

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.6853, 64.7900, 68.3915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9688, 66.2291, 66.8550 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(192, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 219, 204)  
}
```

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(192, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 219, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.9688, 66.2291, 66.8550 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(192, 219, 204) }
```


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

```
.border{ border-color:rgb(192, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 219, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 219, 204); box-shadow:4px 4px 4px 4px rgb(192, 219, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9688, 66.2291, 66.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 219, 204) }
```

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

```
.background{ background-color: rgb(192,  
219, 204) }
```

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