

Converting Colors

XYZ(52.6926, 55.7215, 67.4021)

Have a look what the booklet for
XYZ(52.6926, 55.7215, 67.4021)
contains.

XYZ(52.8145, 55.8894, 67.6786)	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(52.8145, 55.8894,
67.6786)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC6D0
RGB	190, 198, 208
RGB Percent	75%, 78%, 82%
CMY	0.2549, 0.2235, 0.1843
CMYK	0.09, 0.05, 0.00, 0.18
HSL	213°, 16%, 78%
HSV	213°, 9%, 82%
XYZ	52.8145, 55.8894, 67.6786
YIQ	196.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

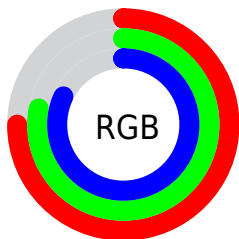
Format	Color
R _Y B	190, 196, 208
Decimal	12502736
CIE Lab	79.55, -0.79, -5.94
CIE LCh	80, 5.994, 262.387
Yxy	55.8894, 0.2994, 0.3169
Android (android.graphics.Color)	4290692816 (0xFFBEC6D0)
YUV	196.7480, 5.5472, -5.9180
Hunter-Lab	74.7592, -4.7253, -1.3431

Details

The XYZ color **52.8145, 55.8894, 67.6786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9613, 58.4358, 57.0461**, and the grayscale version is **52.8914, 55.6459, 60.5984**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.1225, 27.5980, 34.5220** is the 20% darker color. If you saturate the color by 10%, you get **45.4452, 48.3201, 66.6069**, and if you desaturate by 10%, it is **61.1299, 64.2485, 68.8547**.

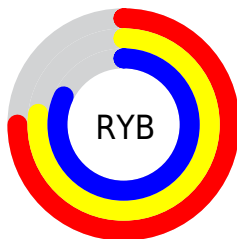
Distribution



Red (75%)

Green (78%)

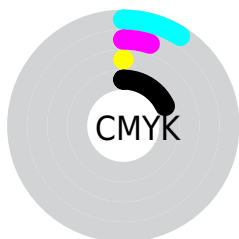
Blue (82%)



Red (75%)

Yellow (77%)

Blue (82%)

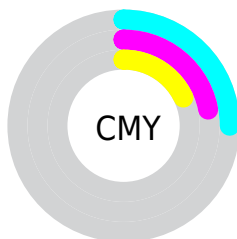


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (25%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8145, 55.8894, 67.6786 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 52.8145, 55.8894, 67.6786 by changing the saturation by 10% instead.

■ 52.8145, 55.8894,
67.6786

■ 52.8145, 55.8894,
67.6786

387.8455,
409.2746, 470.9235

■ 37.8816, 40.1143,
49.1713

■ 93.4985, 98.8429,
117.5421

■ 26.0676, 27.6276,
34.3888

119.9803,
126.7899, 149.7353

■ 17.0072, 18.0452,
22.9127

151.0424,
159.5631, 187.3276

■ 10.3349, 10.9824,
14.3243

187.0502,
197.5468, 230.7375

■ 5.6856, 6.0550,
8.2053

228.3691,
241.1254, 280.3834

■ 2.6937, 2.8786,
4.1369

275.3644,

■ 0.9939, 1.0687,

290.6833, 336.6841

1.7008

328.4014,
346.6049, 400.0579

■ 0.0000, 0.0000,
0.3613

■ 0.0000, 0.0000,
0.0000

■ 52.8145, 55.8894,
67.6786

■ 52.8145, 55.8894,
67.6786

■ 45.4452, 48.3201,
66.6069

■ 61.1299, 64.2485,
68.8547

■ 38.9813, 41.5085,
65.6328

■ 70.4203, 73.4140,
70.1341

■ 33.3866, 35.4304,
64.7545

■ 80.7193, 83.4111,
71.5210

■ 28.6199, 30.0577,
63.9686

■ 85.0404, 90.6443,
72.6893

■ 24.6368, 25.3598,
63.2718

■ 88.3853, 97.3341,
73.8043

■ 21.3882, 21.3039,
62.6601

■ 18.8187, 17.8533,
62.1295

■ 16.8640, 14.9664,
61.6753

■ 15.4261, 12.5836,
61.2912

Harmonies

Analogous

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



51.7181, 55.8894, 66.2693



52.8145, 55.8894, 67.6786



54.0095, 55.8894, 67.2052

Triad

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



52.8145, 55.8894, 67.6786



55.2948, 55.8894, 58.3590



51.3049, 55.8894, 56.8892

Complementary

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



52.8145, 55.8894, 67.6786



55.9613, 58.4358, 57.0461

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.



52.2427, 55.8894, 54.9162



52.8145, 55.8894, 67.6786



54.5494, 55.8894, 55.7422

Square

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



52.8145, 55.8894, 67.6786



55.4535, 55.8894, 61.7384



53.4291, 55.8894, 54.5044



50.8552, 55.8894, 59.9782

Rectangle

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



52.8145, 55.8894, 67.6786



54.7002, 55.8894, 65.8935



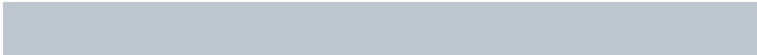
53.4291, 55.8894, 54.5044



51.5729, 55.8894, 56.0783

Sweetspot

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



52.8161, 55.8918, 67.6798



90.9508, 95.8969, 108.3241



54.2057, 60.2253, 63.3510



19.2378, 20.2954, 23.1534



0.0000, 0.0000, 0.0000



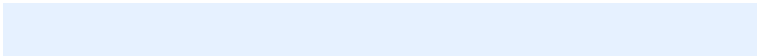
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8161, 55.8918, 67.6798



81.9301, 86.7747, 107.0388



51.2604, 52.4455, 67.0966



11.5901, 12.2705, 15.0012



9.6002, 7.8470, 38.2011



0.6153, 0.5959, 2.1621

Inverse Universe

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



54.6202, 54.3153, 61.0339



85.2508, 83.9169, 94.7962



57.6111, 62.1102, 57.6683



12.0240, 11.8943, 13.4022



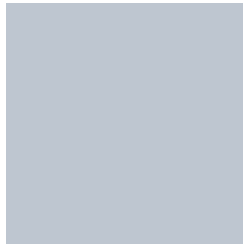
17.4765, 8.8634, 7.4152



1.0168, 0.5114, 0.6234

Previews

White Background



This preview shows how the XYZ color 52.8145, 55.8894, 67.6786 looks on a white background.

Color Contrast Check

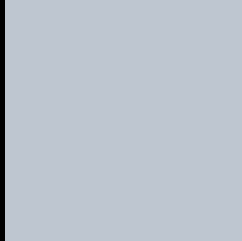
Large Text (above 18pt) WCAG AA × Fail

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 52.8145, 55.8894, 67.6786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

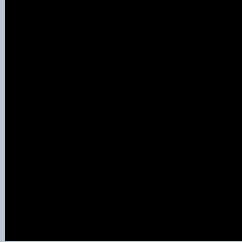
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

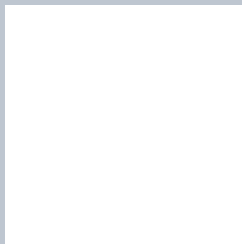
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8145, 55.8894, 67.6786

Background



This preview shows how black text looks on a background with the XYZ color 52.8145, 55.8894, 67.6786.

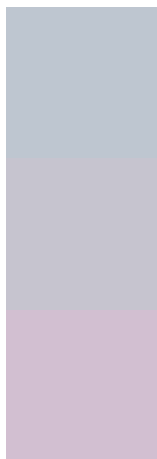


This preview shows how white text looks on a background with the XYZ color 52.8145, 55.8894,

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

52.8145, 55.8894, 67.6786

Protanopia

54.2911, 55.9906, 66.9773

Deuteranopia

56.7178, 55.5667, 68.0577



Tritanopia

53.4624, 55.8130, 70.9060

Trichromacy



Original Color

52.8145, 55.8894, 67.6786

Protanomaly

53.7344, 56.0396, 67.0161

Deuteranomaly

55.4290, 55.8835, 68.1868

Tritanomaly

53.2100, 55.7120, 69.5770

Monochromacy



Original Color

52.8145, 55.8894, 67.6786

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7570, 55.6189, 63.2133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8145, 55.8894, 67.6786 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, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 208)  
}
```

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, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 208) }
```

Border

The CSS property to change the border of an element to XYZ 52.8145, 55.8894, 67.6786 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, 198, 208) }
```


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

```
.border{ border-color:rgb(190, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8145, 55.8894, 67.6786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 208) }
```

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

```
.background{ background-color: rgb(190,  
198, 208) }
```

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