

Converting Colors

XYZ(55.5515, 60.7488, 67.3746)

Have a look what the booklet for
XYZ(55.5515, 60.7488, 67.3746)
contains.

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Color

**XYZ(55.6888, 60.9054,
67.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D0CE
RGB	193, 208, 206
RGB Percent	76%, 82%, 81%
CMY	0.2431, 0.1843, 0.1922
CMYK	0.07, 0.00, 0.01, 0.18
HSL	172°, 14%, 79%
HSV	172°, 7%, 82%
XYZ	55.6888, 60.9054, 67.2133
YIQ	203.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

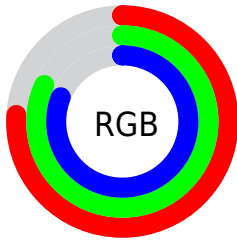
Format	Color
R_{YB}	193, 201, 208
Decimal	12701902
CIE _{Lab}	82.33, -5.44, -0.76
CIE _{LCh}	82, 5.491, 187.971
Yxy	60.9054, 0.3030, 0.3314
Android (android.graphics.Color)	4290891982 (0xFFC1D0CE)
YUV	203.2870, 1.3375, -9.0217
Hunter-Lab	78.0419, -9.2001, 3.5661

Details

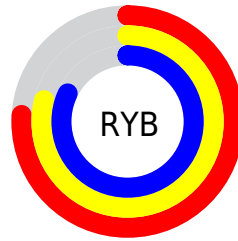
The XYZ color **55.6888, 60.9054, 67.2133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9350, 55.4917, 59.4483**, and the grayscale version is **56.9421, 59.9075, 65.2393**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.8706, 30.8672, 34.1948** is the 20% darker color. If you saturate the color by 10%, you get **50.4207, 58.2299, 65.2221**, and if you desaturate by 10%, it is **61.7121, 63.9729, 69.2734**.

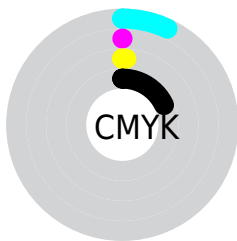
Distribution



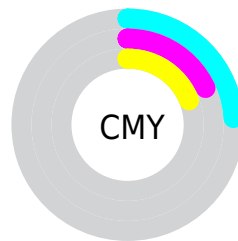
- Red (76%)
- Green (82%)
- Blue (81%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6888, 60.9054, 67.2133 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 55.6888, 60.9054, 67.2133 by changing the saturation by 10% instead.

■ 55.6888, 60.9054,
67.2133

■ 55.6888, 60.9054,
67.2133

398.6117,
427.9271, 469.2258

■ 40.1895, 44.1488,
48.7953

■ 97.6919, 106.1420,
116.8695

■ 27.8712, 30.7875,
34.0927

124.9264,
135.3907, 148.9449

■ 18.3685, 20.4371,
22.6869

156.8033,
169.5723, 186.4097

■ 11.3162, 12.7132,
14.1593

193.6880,
209.0712, 229.6826

■ 6.3488, 7.2313,
8.0916

235.9458,
254.2717, 279.1822

■ 3.1010, 3.6072,
4.0650

283.9421,

■ 1.2074, 1.4564,

305.5583, 335.3268

1.6611

338.0423,
363.3153, 398.5352

■ 0.1122, 0.2577,
0.3338

■ 0.0000, 0.0000,
0.0000

■ 55.6888, 60.9054,
67.2133

■ 55.6888, 60.9054,
67.2133

■ 50.4207, 58.2299,
65.2221

■ 61.7121, 63.9729,
69.2734

■ 45.8717, 55.9228,
63.2944

■ 68.5146, 67.4397,
71.4001

■ 42.0103, 53.9694,
61.4295

■ 75.9772, 71.2461,
73.5890

■ 38.8007, 52.3514,
59.6259

■ 76.3357, 71.3895,
75.4771

■ 36.2040, 51.0487,
57.8814

■ 76.7004, 71.5353,
77.3973

■ 34.1769, 50.0389,
56.1939

■ 77.0711, 71.6836,
79.3496

■ 32.6704, 49.2969,
54.5609

■ 77.4480, 71.8344,
81.3342

■ 31.6275, 48.7932,
52.9796

■ 77.8310, 71.9876,
83.3513

■ 30.9707, 48.4878,
51.4463

■ 78.2203, 72.1433,
85.4011

Harmonies

Analogous

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



55.8278, 60.9054, 63.9278



55.6888, 60.9054, 67.2133



56.1330, 60.9054, 70.3601

Triad

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



55.6888, 60.9054, 67.2133



59.2843, 60.9054, 71.5266



58.7368, 60.9054, 60.5194

Complementary

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



55.6888, 60.9054, 67.2133



54.9350, 55.4917, 59.4483

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.



59.6808, 60.9054, 62.4292



55.6888, 60.9054, 67.2133



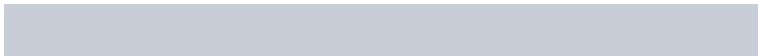
59.9998, 60.9054, 68.7622

Square

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



55.6888, 60.9054, 67.2133



58.2014, 60.9054, 72.9046



60.1459, 60.9054, 65.4260



57.5773, 60.9054, 60.1361

Rectangle

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



55.6888, 60.9054, 67.2133



56.7036, 60.9054, 71.9304



60.1459, 60.9054, 65.4260



59.0903, 60.9054, 61.0009

Sweetspot

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



55.6905, 60.9080, 67.2146



93.0891, 99.0017, 108.2370



54.7538, 60.6000, 59.2643



19.9454, 21.2009, 23.1742



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.



55.6905, 60.9080, 67.2146



86.6155, 95.7084, 105.9505



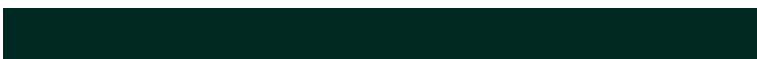
54.6763, 58.4876, 68.0849



12.0876, 13.3788, 14.8178



19.2331, 30.1862, 31.9373



1.0947, 1.6955, 1.8873

Inverse Universe

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



54.9350, 55.4917, 59.4483



85.1226, 85.0061, 90.6052



55.8915, 57.7647, 58.6571



11.8721, 11.8336, 12.6022



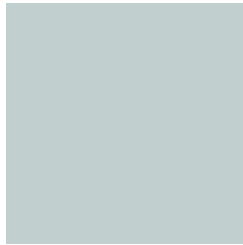
16.3618, 8.4176, 1.5455



0.9363, 0.4793, 0.1996

Previews

White Background



This preview shows how the XYZ color 55.6888, 60.9054, 67.2133 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 55.6888, 60.9054, 67.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

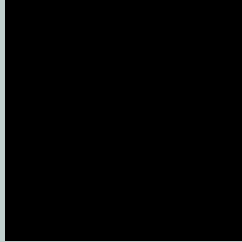
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

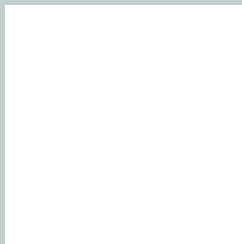
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6888, 60.9054, 67.2133

Background



This preview shows how black text looks on a background with the XYZ color 55.6888, 60.9054, 67.2133.

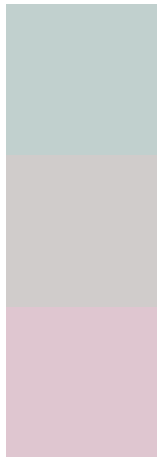


This preview shows how white text looks on a background with the XYZ color 55.6888, 60.9054,

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

55.6888, 60.9054, 67.2133

Protanopia

58.3848, 60.9074, 65.1790

Deuteranopia

62.0107, 60.6302, 68.1090



Tritanopia

58.0211, 61.1523, 77.8528

Trichromacy



Original Color

55.6888, 60.9054, 67.2133

Protanomaly

57.3590, 60.7188, 65.8235

Deuteranomaly

59.5344, 60.7431, 67.6183

Tritanomaly

57.2132, 61.1856, 73.7603

Monochromacy



Original Color

55.6888, 60.9054, 67.2133

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2836, 60.1644, 65.7732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6888, 60.9054, 67.2133 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(193, 208, 206) looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 206)  
}
```

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(193, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.6888, 60.9054, 67.2133 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(193, 208, 206) }
```


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

```
.border{ border-color:rgb(193, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(193, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6888, 60.9054, 67.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 206) }
```

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

```
.background{ background-color: rgb(193,  
208, 206) }
```

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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