

Converting Colors

XYZ(55.2789, 55.7046, 68.6961)

Have a look what the booklet for
XYZ(55.2789, 55.7046, 68.6961)
contains.

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Color

**XYZ(55.2818, 55.7933,
68.8283)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC2D2
RGB	202, 194, 210
RGB Percent	79%, 76%, 82%
CMY	0.2078, 0.2392, 0.1765
CMYK	0.04, 0.08, 0.00, 0.18
HSL	270°, 15%, 79%
HSV	270°, 8%, 82%
XYZ	55.2818, 55.7933, 68.8283
YIQ	198.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

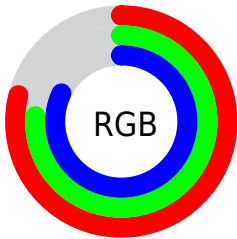
Format	Color
R_{YB}	202, 194, 210
Decimal	13288146
CIE _{Lab}	79.50, 5.75, -7.00
CIE _{LCh}	79, 9.054, 309.393
Yxy	55.7933, 0.3073, 0.3101
Android (android.graphics.Color)	4291478226 (0xFFCAC2D2)
YUV	198.2160, 5.8095, 3.3186
Hunter-Lab	74.6949, 1.3920, -2.3469

Details

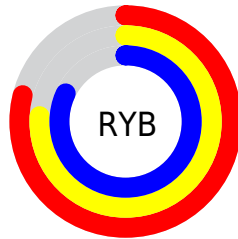
The XYZ color **55.2818, 55.7933, 68.8283** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1434, 62.5463, 60.1026**, and the grayscale version is **53.7752, 56.5757, 61.6109**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **27.5916, 27.4524, 35.2971** is the 20% darker color. If you saturate the color by 10%, you get **48.1892, 45.6834, 67.2516**, and if you desaturate by 10%, it is **63.2315, 67.3286, 70.6367**.

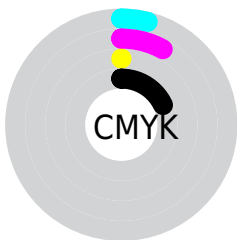
Distribution



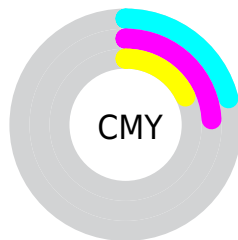
- Red (79%)
- Green (76%)
- Blue (82%)



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



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2818, 55.7933, 68.8283 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 55.2818, 55.7933, 68.8283 by changing the saturation by 10% instead.

■ 55.2818, 55.7933,
68.8283

■ 55.2818, 55.7933,
68.8283

397.0983,
408.9121, 475.1027

■ 39.8621, 40.0372,
50.1010

■ 97.0996, 98.7023,
119.2017

■ 27.6148, 27.5676,
35.1219

124.2285,
126.6240, 151.6849

■ 18.1745, 17.9999,
23.4725

155.9911,
159.3697, 189.5904

■ 11.1758, 10.9499,
14.7342

192.7529,
197.3238, 233.3369

■ 6.2533, 6.0332,
8.4885

234.8791,
240.8707, 283.3428

■ 3.0419, 2.8653,
4.3169

282.7352,

■ 1.1759, 1.0618,

290.3948, 340.0267

1.8007

336.6865,
346.2804, 403.8072

■ 0.0872, 0.0000,
0.4284

■ 0.0000, 0.0000,
0.0000

■ 55.2818, 55.7933,
68.8283

■ 55.2818, 55.7933,
68.8283

■ 48.1892, 45.6834,
67.2516

■ 63.2315, 67.3286,
70.6367

■ 41.9175, 36.9346,
65.8934

■ 72.0630, 80.3358,
72.6819

■ 36.4349, 29.4884,
64.7451

■ 81.1632, 93.5824,
74.7591

■ 31.7054, 23.2789,
63.7959

■ 84.7045, 95.4080,
74.9248

■ 27.6901, 18.2346,
63.0338

■ 88.4534, 97.3406,
75.1003

■ 24.3462, 14.2760,
62.4460

■ 88.6330, 97.4332,
75.1087

■ 21.6254, 11.3137,
62.0176

■ 19.4718, 9.2428,
61.7314

■ 17.8091, 7.9177,
61.5633

Harmonies

Analogous

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



53.6030, 55.7933, 71.1831



55.2818, 55.7933, 68.8283



56.3732, 55.7933, 64.3455

Triad

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



55.2818, 55.7933, 68.8283



54.2711, 55.7933, 51.8433



49.6518, 55.7933, 62.3997

Complementary

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



55.2818, 55.7933, 68.8283



57.1434, 62.5463, 60.1026

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.



49.8214, 55.7933, 57.2899



55.2818, 55.7933, 68.8283



52.4608, 55.7933, 51.3886

Square

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



55.2818, 55.7933, 68.8283



55.7804, 55.7933, 54.6086



50.8399, 55.7933, 53.3288



50.3712, 55.7933, 67.3342

Rectangle

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



55.2818, 55.7933, 68.8283



56.6065, 55.7933, 60.8557



50.8399, 55.7933, 53.3288



49.6071, 55.7933, 60.6432

Sweetspot

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



55.2834, 55.7957, 68.8295



92.5124, 96.3086, 108.3212



55.0662, 58.4909, 69.3612



19.8281, 20.6527, 23.1913



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.



55.2834, 55.7957, 68.8295



84.0636, 84.1092, 106.4118



57.4287, 56.9016, 68.9299



11.7187, 11.7038, 14.8851



10.7641, 4.7294, 37.5380



0.6934, 0.3116, 2.1032

Inverse Universe

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



56.5328, 56.5520, 63.8159



86.3681, 85.5043, 97.1638



55.1029, 61.4944, 60.0071



12.0518, 11.9054, 13.5484



17.8191, 9.0005, 9.2195



1.0364, 0.5193, 0.7264

Previews

White Background



This preview shows how the XYZ color 55.2818, 55.7933, 68.8283 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 55.2818, 55.7933, 68.8283 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 55.2818, 55.7933, 68.8283

Background



This preview shows how black text looks on a background with the XYZ color 55.2818, 55.7933, 68.8283.

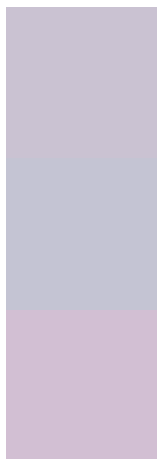


This preview shows how white text looks on a background with the XYZ color 55.2818, 55.7933,

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

55.2818, 55.7933, 68.8283

Protanopia

54.2627, 55.9188, 69.5615

Deuteranopia

56.9670, 55.6664, 69.3702



Tritanopia

55.1575, 55.7436, 68.1741

Trichromacy



Original Color

55.2818, 55.7933, 68.8283

Protanomaly

54.5617, 55.7391, 69.5110

Deuteranomaly

56.3396, 55.6678, 69.4036

Tritanomaly

55.1575, 55.7436, 68.1741

Monochromacy



Original Color

55.2818, 55.7933, 68.8283

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.1801, 56.3389, 63.8960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2818, 55.7933, 68.8283 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(202, 194, 210)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 210)  
}
```

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(202, 194, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.2818, 55.7933, 68.8283 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(202, 194, 210) }
```


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

```
.border{ border-color:rgb(202, 194, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2818, 55.7933, 68.8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 210) }
```

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

```
.background{ background-color: rgb(202,  
194, 210) }
```

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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