

Converting Colors

XYZ(55.0355, 60.2982, 59.0796)

Have a look what the booklet for
XYZ(55.0355, 60.2982, 59.0796)
contains.

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Color

**XYZ(55.2272, 60.4817,
59.2154)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CFC1
RGB	198, 207, 193
RGB Percent	78%, 81%, 76%
CMY	0.2235, 0.1882, 0.2431
CMYK	0.04, 0.00, 0.07, 0.19
HSL	99°, 13%, 78%
HSV	99°, 7%, 81%
XYZ	55.2272, 60.4817, 59.2154
YIQ	202.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

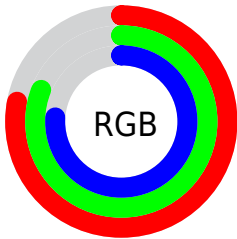
Format	Color
RYB	193, 207, 202
Decimal	13029313
CIELab	82.10, -5.61, 5.89
CIELCh	82, 8.133, 133.637
Yxy	60.4817, 0.3157, 0.3458
Android (android.graphics.Color)	4291219393 (0xFFC6CFC1)
YUV	202.7130, -4.7885, -4.1333
Hunter-Lab	77.7700, -9.3383, 9.2946

Details

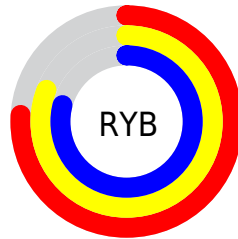
The XYZ color **55.2272, 60.4817, 59.2154** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6919, 55.2031, 66.8073**, and the grayscale version is **56.6157, 59.5641, 64.8653**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **27.6265, 30.6052, 29.2623** is the 20% darker color. If you saturate the color by 10%, you get **49.7227, 57.8942, 47.7355**, and if you desaturate by 10%, it is **61.3667, 63.3627, 72.4148**.

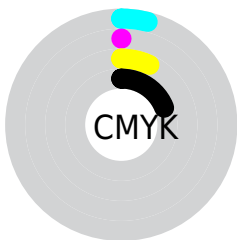
Distribution



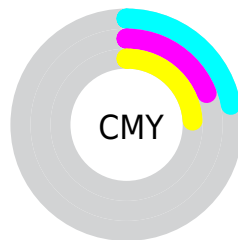
- Red (78%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (81%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2272, 60.4817, 59.2154 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 55.2272, 60.4817, 59.2154 by changing the saturation by 10% instead.

■ 55.2272, 60.4817,
59.2154

■ 55.2272, 60.4817,
59.2154

396.8950,
426.3710, 439.4238

■ 39.8182, 43.8070,
42.3654

■ 97.0201, 105.5281,
105.2229

■ 27.5804, 30.5188,
29.0598

124.1348,
134.6686, 135.2174

■ 18.1484, 20.2327,
18.8801

155.8821,
168.7332, 170.4305

■ 11.1570, 12.5643,
11.4077

192.6273,
208.1063, 211.2807

■ 6.2406, 7.1292,
6.2242

234.7359,
253.1722, 258.1866

■ 3.0340, 3.5431,
2.9109

282.5731,

■ 1.1717, 1.4214,

304.3154, 311.5668

1.0493

336.5044,
361.9202, 371.8396

■ 0.0839, 0.2324,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2272, 60.4817,
59.2154

■ 55.2272, 60.4817,
59.2154

■ 49.7227, 57.8942,
47.7355

■ 61.3667, 63.3627,
72.4148

■ 44.8268, 55.5829,
37.9005

■ 68.1563, 66.5383,
87.3964

■ 40.5188, 53.5405,
29.6360

■ 75.6004, 70.0130,
104.1370

■ 36.7747, 51.7564,
22.8606

■ 80.2340, 72.4018,
104.3539

■ 33.5687, 50.2193,
17.4855

■ 81.6040, 73.1080,
104.4180

■ 30.8728, 48.9169,
13.4122

■ 28.6558, 47.8355,
10.5298

■ 26.8828, 46.9599,
8.7085

■ 25.5103, 46.2715,
7.7791

Harmonies

Analogous

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



56.7075, 60.4817, 57.0468



55.2272, 60.4817, 59.2154



54.3617, 60.4817, 63.2140

Triad

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



55.2272, 60.4817, 59.2154



56.5566, 60.4817, 75.3965



60.7703, 60.4817, 63.6398

Complementary

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



55.2272, 60.4817, 59.2154



54.6919, 55.2031, 66.8073

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.



60.7279, 60.4817, 68.5671



55.2272, 60.4817, 59.2154



58.2717, 60.4817, 75.5246

Square

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



55.2272, 60.4817, 59.2154



55.1186, 60.4817, 72.6300



59.8057, 60.4817, 72.9717



59.9203, 60.4817, 59.5136

Rectangle

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



55.2272, 60.4817, 59.2154



54.2387, 60.4817, 66.4587



59.8057, 60.4817, 72.9717



60.8604, 60.4817, 65.2535

Sweetspot

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



55.2289, 60.4843, 59.2167



93.0435, 99.0592, 104.5767



56.4494, 59.2967, 58.9231



19.9362, 21.2126, 22.4290



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.



55.2289, 60.4843, 59.2167



87.2757, 96.3517, 92.2924



54.1422, 59.8999, 60.2601



12.0490, 13.4087, 12.5651



15.9270, 29.0796, 4.7735



0.9761, 1.6700, 0.2709

Inverse Universe

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



54.6919, 55.2031, 66.8073



86.2548, 86.3125, 106.7216



55.8399, 55.8211, 65.6763



11.8843, 11.7892, 14.8928



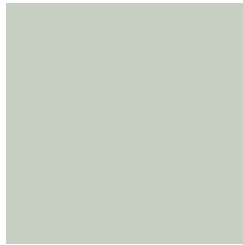
13.3057, 6.0397, 37.6570



0.8287, 0.3814, 2.1095

Previews

White Background



This preview shows how the XYZ color 55.2272, 60.4817, 59.2154 looks on a white background.

Color Contrast Check

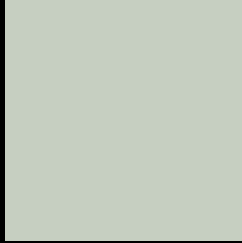
Large Text (above 18pt) WCAG AA × Fail

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 55.2272, 60.4817, 59.2154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

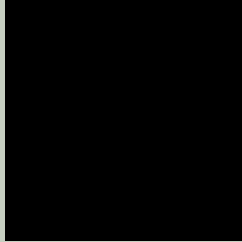
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

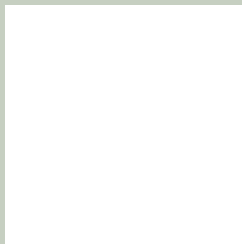
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2272, 60.4817, 59.2154

Background



This preview shows how black text looks on a background with the XYZ color 55.2272, 60.4817, 59.2154.



This preview shows how white text looks on a background with the XYZ color 55.2272, 60.4817,

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

55.2272, 60.4817, 59.2154

Protanopia

57.6239, 60.3223, 57.8965

Deuteranopia

61.4951, 60.2035, 60.0091



Tritanopia

58.4992, 60.3829, 75.5897

Trichromacy



Original Color

55.2272, 60.4817, 59.2154

Protanomaly

56.5609, 60.1133, 58.4911

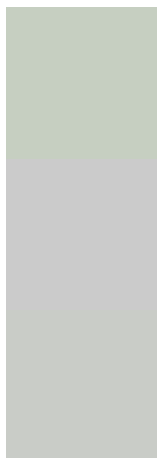
Deuteranomaly

58.9432, 60.2673, 59.5650

Tritanomaly

57.3131, 60.2564, 69.5827

Monochromacy



Original Color

55.2272, 60.4817, 59.2154

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9891, 59.7268, 62.6103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2272, 60.4817, 59.2154 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(198, 207, 193) looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 193)  
}
```

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(198, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.2272, 60.4817, 59.2154 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(198, 207, 193) }
```


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

```
.border{ border-color:rgb(198, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(198, 207,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2272, 60.4817, 59.2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 207, 193) }
```

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

```
.background{ background-color: rgb(198,  
207, 193) }
```

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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