

Converting Colors

XYZ(52.2365, 55.2452, 58.0255)

Have a look what the booklet for
XYZ(52.2365, 55.2452, 58.0255)
contains.

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Color

**XYZ(52.0193, 55.0214,
57.7477)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C4C0
RGB	196, 196, 192
RGB Percent	77%, 77%, 75%
CMY	0.2314, 0.2314, 0.2471
CMYK	0.00, 0.00, 0.02, 0.23
HSL	60°, 3%, 76%
HSV	60°, 2%, 77%
XYZ	52.0193, 55.0214, 57.7477
YIQ	195.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

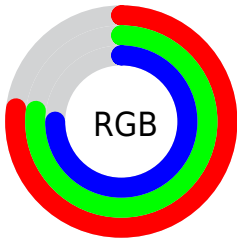
Format	Color
R_{YB}	192, 196, 192
Decimal	12895424
CIE Lab	79.05, -0.72, 1.99
CIE LCh	79, 2.122, 109.956
Yxy	55.0214, 0.3157, 0.3339
Android (android.graphics.Color)	4291085504 (0xFFC4C4C0)
YUV	195.5440, -1.7472, 0.3999
Hunter-Lab	74.1764, -4.6282, 5.7651

Details

The XYZ color **52.0193, 55.0214, 57.7477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5539, 52.8928, 59.7723**, and the grayscale version is **52.2073, 54.9261, 59.8145**.

A 20% lighter version of the original color is **92.5766, 97.9105, 102.8262**, and **25.4885, 26.9609, 28.2867** is the 20% darker color. If you saturate the color by 10%, you get **49.9865, 54.2095, 47.0609**, and if you desaturate by 10%, it is **54.3445, 55.9538, 69.9603**.

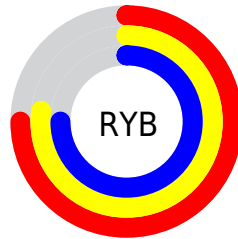
Distribution



Red (77%)

Green (77%)

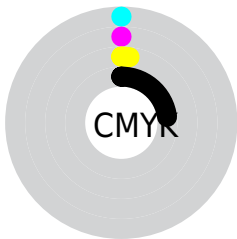
Blue (75%)



Red (75%)

Yellow (77%)

Blue (75%)

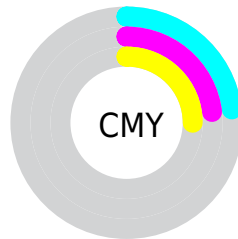


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0193, 55.0214, 57.7477 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 52.0193, 55.0214, 57.7477 by changing the saturation by 10% instead.

■ 52.0193, 55.0214,
57.7477

■ 52.0193, 55.0214,
57.7477

384.8338,
405.9930, 433.8171

■ 37.2448, 39.4189,
41.1925

■ 92.3338, 97.5723,
103.0665

■ 25.5716, 27.0857,
28.1487

118.6044,
125.2895, 132.6672

■ 16.6344, 17.6376,
18.1978

149.4378,
157.8136, 167.4534

■ 10.0679, 10.6901,
10.9212

185.1994,
195.5291, 207.8438

■ 5.5066, 5.8589,
5.9003

226.2544,
238.8205, 254.2568

■ 2.5852, 2.7595,
2.7168

272.9682,

■ 0.9384, 1.0075,

288.0720, 307.1110

0.9518

325.7063,
343.6680, 366.8249

■ 0.0000, 0.0000,
0.0000

■ 52.0193, 55.0214,
57.7477

■ 52.0193, 55.0214,
57.7477

■ 49.9865, 54.2095,
47.0609

■ 54.3445, 55.9538,
69.9603

■ 48.2302, 53.5064,
37.8365

■ 56.9681, 57.0038,
83.7516

■ 46.7396, 52.9097,
30.0120

■ 59.9019, 58.1778,
99.1763

■ 45.5020, 52.4141,
23.5191

■ 60.5751, 58.4476,
102.6966

■ 44.5031, 52.0140,
18.2836

■ 60.5798, 58.4501,
102.6968

■ 43.7276, 51.7032,
14.2242

■ 60.5845, 58.4525,
102.6971

■ 43.1581, 51.4749,
11.2501

■ 60.5892, 58.4549,
102.6973

■ 42.7750, 51.3211,
9.2570

■ 60.5939, 58.4573,
102.6975

■ 42.5545, 51.2324,
8.1205

■ 60.5986, 58.4598,
102.6977

Harmonies

Analogous

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



52.4381, 55.0214, 57.6462



52.0193, 55.0214, 57.7477



51.6765, 55.0214, 58.4239

Triad

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



52.0193, 55.0214, 57.7477



51.7751, 55.0214, 61.7085



53.1005, 55.0214, 60.3158

Complementary

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



52.0193, 55.0214, 57.7477



50.5539, 52.8928, 59.7723

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.



52.9208, 55.0214, 61.4189



52.0193, 55.0214, 57.7477



52.1546, 55.0214, 62.2302

Square

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



52.0193, 55.0214, 57.7477



51.5360, 55.0214, 60.7069



52.5741, 55.0214, 62.1235



53.0638, 55.0214, 59.1181

Rectangle

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



52.0193, 55.0214, 57.7477



51.5364, 55.0214, 59.1148



52.5741, 55.0214, 62.1235



53.0634, 55.0214, 60.7102

Sweetspot

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



52.0208, 55.0238, 57.7489



94.6412, 99.8364, 106.7520



51.1308, 53.2422, 57.4519



20.2614, 21.3708, 22.8720



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.



52.0208, 55.0238, 57.7489



94.2379, 99.6750, 104.6326



51.5045, 54.7576, 57.7247



11.2482, 11.8923, 12.5200



27.2815, 32.8930, 4.9111



1.1791, 1.4214, 0.2122

Inverse Universe

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



50.5539, 52.8928, 59.7723



91.5947, 95.8355, 108.2783



51.0633, 53.1554, 59.7961



10.9573, 11.4697, 12.9212



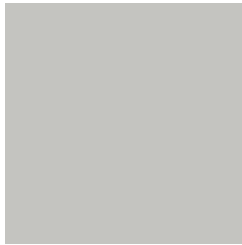
6.4040, 2.5618, 33.7136



0.2770, 0.1108, 1.4567

Previews

White Background



This preview shows how the XYZ color 52.0193, 55.0214, 57.7477 looks on a white background.

Color Contrast Check

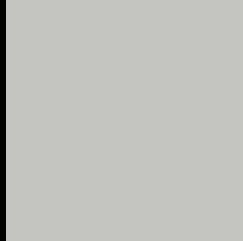
Large Text (above 18pt) WCAG AA × Fail

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 52.0193, 55.0214, 57.7477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

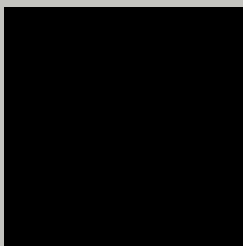
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

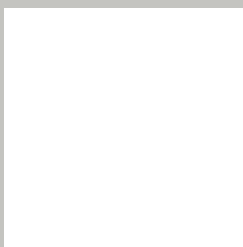
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0193, 55.0214, 57.7477

Background



This preview shows how black text looks on a background with the XYZ color 52.0193, 55.0214, 57.7477.

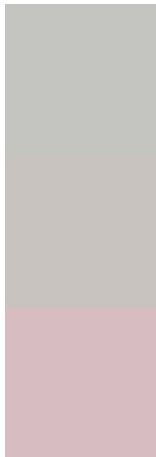


This preview shows how white text looks on a background with the XYZ color 52.0193, 55.0214,

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

52.0193, 55.0214, 57.7477

Protanopia

52.7385, 55.0712, 57.1404

Deuteranopia

55.8476, 54.6925, 58.0653



Tritanopia

54.1318, 54.8855, 68.0625

Trichromacy



Original Color

52.0193, 55.0214, 57.7477

Protanomaly

52.4723, 54.9339, 57.1279

Deuteranomaly

54.4877, 54.9594, 58.1885

Tritanomaly

53.3600, 54.9011, 64.2845

Monochromacy



Original Color

52.0193, 55.0214, 57.7477

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3552, 55.1557, 59.5165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0193, 55.0214, 57.7477 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(196, 196, 192) looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 192)  
}
```

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(196, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.0193, 55.0214, 57.7477 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(196, 196, 192) }
```


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

```
.border{ border-color:rgb(196, 196, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0193, 55.0214, 57.7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 192) }
```

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

```
.background{ background-color: rgb(196,  
196, 192) }
```

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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