

Converting Colors

XYZ(52.7080, 55.2340, 58.0717)

Have a look what the booklet for
XYZ(52.7080, 55.2340, 58.0717)
contains.

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Color

**XYZ(52.9188, 55.4722,
58.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4C1
RGB	199, 196, 193
RGB Percent	78%, 77%, 76%
CMY	0.2196, 0.2314, 0.2431
CMYK	0.00, 0.02, 0.03, 0.22
HSL	30°, 5%, 77%
HSV	30°, 3%, 78%
XYZ	52.9188, 55.4722, 58.3702
YIQ	196.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

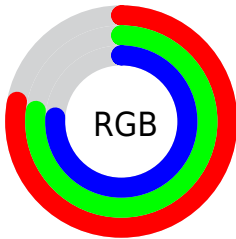
Format	Color
RYB	199, 199, 193
Decimal	13092033
CIELab	79.31, 0.50, 1.86
CIElCh	79, 1.929, 74.863
Yxy	55.4722, 0.3173, 0.3326
Android (android.graphics.Color)	4291282113 (0xFFC7C4C1)
YUV	196.5550, -1.7526, 2.1443
Hunter-Lab	74.4797, -3.5128, 5.6698

Details

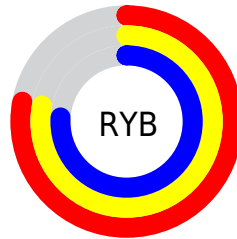
The XYZ color **52.9188, 55.4722, 58.3702** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0412, 54.9403, 61.8954**, and the grayscale version is **52.8131, 55.5635, 60.5087**.

A 20% lighter version of the original color is **93.4642, 98.3501, 103.6799**, and **26.0837, 27.2592, 28.6977** is the 20% darker color. If you saturate the color by 10%, you get **48.6789, 50.3087, 46.7315**, and if you desaturate by 10%, it is **57.6092, 61.0571, 71.6342**.

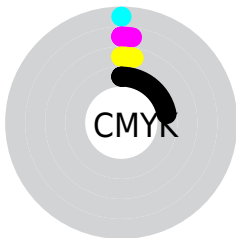
Distribution



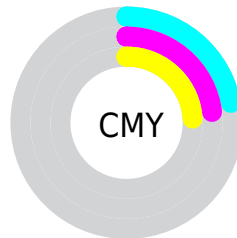
- Red (78%)
- Green (77%)
- Blue (76%)



- Red (78%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9188, 55.4722, 58.3702 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 52.9188, 55.4722, 58.3702 by changing the saturation by 10% instead.

■ 52.9188, 55.4722,
58.3702

■ 52.9188, 55.4722,
58.3702

388.2395,
407.6994, 436.2007

■ 37.9652, 39.7799,
41.6897

■ 93.6511, 98.2325,
103.9819

■ 26.1327, 27.3670,
28.5346

120.1605,
126.0692, 133.7501

■ 17.0562, 17.8490,
18.4865

151.2525,
158.7229, 168.7179

■ 10.3701, 10.8417,
11.1268

187.2925,
196.5780, 209.3039

■ 5.7092, 5.9605,
6.0369

228.6458,
240.0187, 255.9267

■ 2.7080, 2.8211,
2.7984

275.6779,

■ 1.0013, 1.0390,

289.4296, 309.0047

0.9926

328.7540,
345.1950, 368.9565

■ 0.0000, 0.0000,
0.0000

■ 52.9188, 55.4722,
58.3702

■ 52.9188, 55.4722,
58.3702

■ 48.6789, 50.3087,
46.7315

■ 57.6092, 61.0571,
71.6342

■ 44.8700, 45.5489,
36.6511

■ 62.7593, 67.0662,
86.5797

■ 41.4782, 41.1844,
28.0627

■ 68.3839, 73.5116,
103.2647

■ 38.4868, 37.2036,
20.8939

■ 71.5306, 79.2164,
106.1280

■ 35.8780, 33.5943,
15.0660

■ 74.4687, 85.0925,
107.1073

■ 33.6323, 30.3436,
10.4925

■ 77.3636, 90.8823,
108.0723

■ 31.7282, 27.4375,
7.0770

■ 30.1414, 24.8606,
4.7083

■ 28.8431, 22.5956,
3.2531

Harmonies

Analogous

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



53.2527, 55.4722, 58.9121



52.9188, 55.4722, 58.3702



52.5344, 55.4722, 58.3676

Triad

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



52.9188, 55.4722, 58.3702



52.0102, 55.4722, 60.9469



53.2502, 55.4722, 61.9197

Complementary

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



52.9188, 55.4722, 58.3702



52.0412, 54.9403, 61.8954

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.



52.9154, 55.4722, 62.4786



52.9188, 55.4722, 58.3702



52.2001, 55.4722, 61.9123

Square

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



52.9188, 55.4722, 58.3702



52.0111, 55.4722, 59.8462



52.5310, 55.4722, 62.4759



53.4447, 55.4722, 60.9568

Rectangle

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



52.9188, 55.4722, 58.3702



52.3014, 55.4722, 58.6717



52.5310, 55.4722, 62.4759



53.1502, 55.4722, 62.1615

Sweetspot

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



52.9204, 55.4746, 58.3714



94.2371, 99.0269, 106.6171



52.5878, 54.2685, 59.9286



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



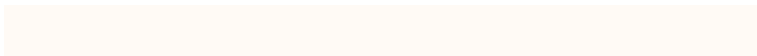
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9204, 55.4746, 58.3714



91.8471, 96.1528, 99.9447



53.6031, 56.8401, 58.5990



11.5084, 12.0380, 12.4194



18.1390, 13.7952, 1.7067



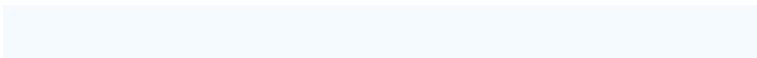
0.9313, 0.7981, 0.1050

Inverse Universe

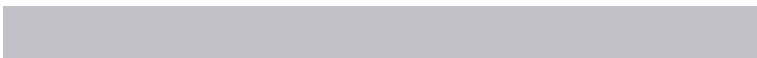
The Inverse Universe completely reimagines the original color for something new.



52.0412, 54.9403, 61.8954



89.7893, 94.9022, 108.1933



51.3720, 53.6018, 61.6723



11.2100, 11.8567, 13.6152



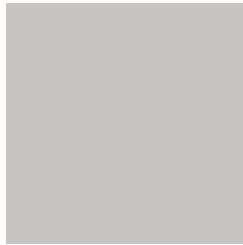
9.6095, 8.6128, 35.9003



0.5274, 0.5527, 1.7240

Previews

White Background



This preview shows how the XYZ color 52.9188, 55.4722, 58.3702 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 52.9188, 55.4722, 58.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

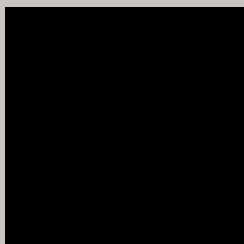
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

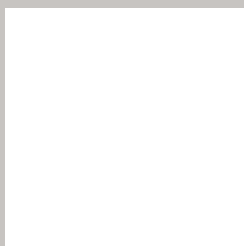
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9188, 55.4722, 58.3702

Background



This preview shows how black text looks on a background with the XYZ color 52.9188, 55.4722, 58.3702.



This preview shows how white text looks on a background with the XYZ color 52.9188, 55.4722,

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

52.9188, 55.4722, 58.3702

Protanopia

53.2281, 55.2980, 58.3202

Deuteranopia

56.4700, 55.3209, 58.7406



Tritanopia

54.8878, 55.6045, 68.1614

Trichromacy



Original Color

52.9188, 55.4722, 58.3702

Protanomaly

52.9602, 55.1598, 58.3077

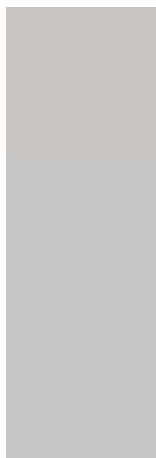
Deuteranomaly

55.1656, 55.2960, 58.8046

Tritanomaly

54.1140, 55.6214, 64.3838

Monochromacy



Original Color

52.9188, 55.4722, 58.3702

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.2188, 55.9238, 60.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9188, 55.4722, 58.3702 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(199, 196, 193) looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 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(199, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.9188, 55.4722, 58.3702 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(199, 196, 193) }
```


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

```
.border{ border-color:rgb(199, 196, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9188, 55.4722, 58.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 193) }
```

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

```
.background{ background-color: rgb(199,  
196, 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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