

Converting Colors

XYZ(52.7538, 54.6909, 59.7049)

Have a look what the booklet for
XYZ(52.7538, 54.6909, 59.7049)
contains.

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Color

**XYZ(52.8088, 54.7112,
60.0016)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C2C4
RGB	199, 194, 196
RGB Percent	78%, 76%, 77%
CMY	0.2196, 0.2392, 0.2314
CMYK	0.00, 0.03, 0.02, 0.22
HSL	336°, 4%, 77%
HSV	336°, 3%, 78%
XYZ	52.8088, 54.7112, 60.0016
YIQ	195.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

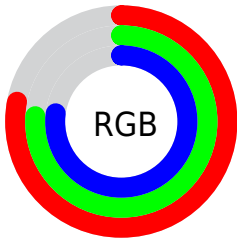
Format	Color
R_{YB}	199, 194, 196
Decimal	13091524
CIE Lab	78.87, 2.11, -0.39
CIE LCh	79, 2.142, 349.428
Yxy	54.7112, 0.3152, 0.3266
Android (android.graphics.Color)	4291281604 (0xFFC7C2C4)
YUV	195.7230, 0.1366, 2.8739
Hunter-Lab	73.9670, -2.0021, 3.6812

Details

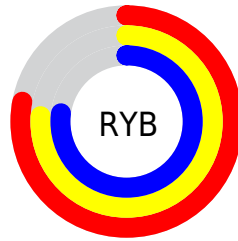
The XYZ color **52.8088, 54.7112, 60.0016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7517, 56.3489, 60.9222**, and the grayscale version is **52.3030, 55.0268, 59.9242**.

A 20% lighter version of the original color is **93.1552, 96.7231, 106.6881**, and **25.9376, 26.7289, 29.3833** is the 20% darker color. If you saturate the color by 10%, you get **47.3672, 45.9178, 51.7434**, and if you desaturate by 10%, it is **58.9549, 64.7388, 69.0303**.

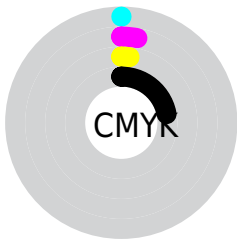
Distribution



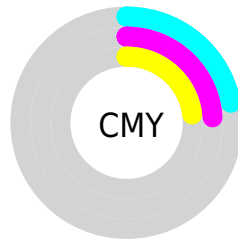
- Red (78%)
- Green (76%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8088, 54.7112, 60.0016 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 52.8088, 54.7112, 60.0016 by changing the saturation by 10% instead.

■ 52.8088, 54.7112,
60.0016

■ 52.8088, 54.7112,
60.0016

387.8240,
404.8163, 442.4085

■ 37.8770, 39.1705,
42.9946

■ 93.4901, 97.1177,
106.3754

■ 26.0640, 26.8924,
29.5495

119.9704,
124.7523, 136.5793

■ 17.0045, 17.4924,
19.2478

151.0309,
157.1871, 172.0192

■ 10.3330, 10.5862,
11.6708

187.0370,
194.8063, 213.1137

■ 5.6843, 5.7893,
6.4001

228.3540,
237.9945, 260.2814

■ 2.6929, 2.7174,
3.0172

275.3472,

■ 0.9935, 0.9860,

287.1359, 313.9407

1.1034

328.3821,
342.6150, 374.5102

■ 0.0000, 0.0000,
0.0000

■ 52.8088, 54.7112,
60.0016

■ 52.8088, 54.7112,
60.0016

■ 47.3672, 45.9178,
51.7434

■ 58.9549, 64.7388,
69.0303

■ 42.5995, 38.3037,
44.2312

■ 65.8255, 76.0388,
78.8461

■ 38.4798, 31.8204,
37.4442

■ 73.4453, 88.6563,
89.4696

■ 34.9785, 26.4131,
31.3591

■ 75.6111, 90.1813,
98.8443

■ 32.0639, 22.0227,
25.9515

■ 77.3635, 90.8823,
108.0723

■ 29.7009, 18.5841,
21.1951

■ 27.8508, 16.0247,
17.0619

■ 26.4694, 14.2611,
13.5210

■ 25.5041, 13.1937,
10.5378

Harmonies

Analogous

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



52.6245, 54.7112, 61.1063



52.8088, 54.7112, 60.0016



52.7758, 54.7112, 58.7961

Triad

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



52.8088, 54.7112, 60.0016



51.7300, 54.7112, 57.3913



51.4717, 54.7112, 61.3666

Complementary

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



52.8088, 54.7112, 60.0016



52.7517, 56.3489, 60.9222

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.



51.2345, 54.7112, 60.3530



52.8088, 54.7112, 60.0016



51.3831, 54.7112, 58.0620

Square

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



52.8088, 54.7112, 60.0016



52.1514, 54.7112, 57.3001



51.2022, 54.7112, 59.1429



51.8516, 54.7112, 61.9015

Rectangle

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



52.8088, 54.7112, 60.0016



52.6351, 54.7112, 58.0972



51.2022, 54.7112, 59.1429



51.3727, 54.7112, 61.0700

Sweetspot

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



52.8104, 54.7136, 60.0028



93.9963, 98.2856, 107.3376



52.6285, 54.5799, 61.7948



20.1302, 21.0552, 22.9912



0.0000, 0.0000, 0.0000



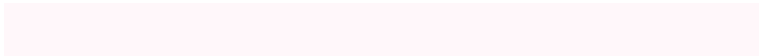
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8104, 54.7136, 60.0028



91.9271, 94.9235, 104.2545



52.6959, 54.8460, 58.8507



11.4903, 11.8120, 12.9987



16.1057, 8.1918, 5.7664



0.7982, 0.4021, 0.4606

Inverse Universe

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



52.8104, 54.7136, 60.0028



91.9271, 94.9235, 104.2545



52.8673, 56.2114, 62.0971



11.4903, 11.8120, 12.9987



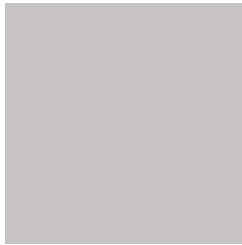
16.1057, 8.1918, 5.7664



0.7982, 0.4021, 0.4606

Previews

White Background



This preview shows how the XYZ color 52.8088, 54.7112, 60.0016 looks on a white background.

Color Contrast Check

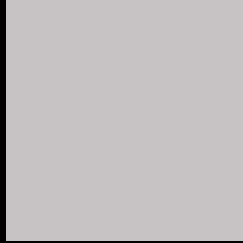
Large Text (above 18pt) WCAG AA × Fail

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 52.8088, 54.7112, 60.0016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

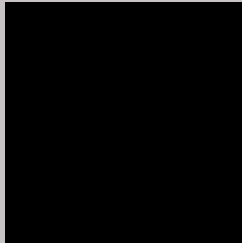
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

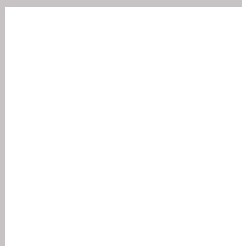
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8088, 54.7112, 60.0016

Background



This preview shows how black text looks on a background with the XYZ color 52.8088, 54.7112, 60.0016.

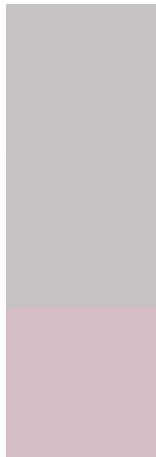


This preview shows how white text looks on a background with the XYZ color 52.8088, 54.7112,

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

52.8088, 54.7112, 60.0016

Protanopia

52.5443, 54.5749, 59.9892

Deuteranopia

55.7162, 54.5725, 60.4203



Tritanopia

54.1995, 54.6218, 66.7179

Trichromacy



Original Color

52.8088, 54.7112, 60.0016

Protanomaly

52.5443, 54.5749, 59.9892

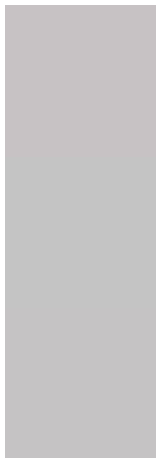
Deuteranomaly

54.7213, 54.7027, 60.4979

Tritanomaly

53.6689, 54.7311, 64.2354

Monochromacy



Original Color

52.8088, 54.7112, 60.0016

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5049, 54.8861, 60.0513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8088, 54.7112, 60.0016 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, 194, 196) looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 196)  
}
```

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, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.8088, 54.7112, 60.0016 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, 194, 196) }
```


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

```
.border{ border-color:rgb(199, 194, 196) }
```

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

Here you see how a box with a 4 pixel rgb(199, 194, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8088, 54.7112, 60.0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 196) }
```

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

```
.background{ background-color: rgb(199,  
194, 196) }
```

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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