

Converting Colors

XYZ(52.8314, 53.9722, 58.6881)

Have a look what the booklet for
XYZ(52.8314, 53.9722, 58.6881)
contains.

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Color

**XYZ(52.9444, 54.1509,
58.7006)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC0C2
RGB	202, 192, 194
RGB Percent	79%, 75%, 76%
CMY	0.2078, 0.2470, 0.2392
CMYK	0.00, 0.05, 0.04, 0.21
HSL	348°, 9%, 77%
HSV	348°, 5%, 79%
XYZ	52.9444, 54.1509, 58.7006
YIQ	195.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

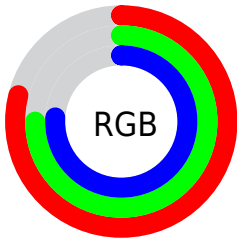
Format	Color
R _Y B	202, 192, 194
Decimal	13287618
CIE Lab	78.55, 3.86, 0.24
CIE LCh	79, 3.866, 3.566
Yxy	54.1509, 0.3193, 0.3266
Android (android.graphics.Color)	4291477698 (0xFFCAC0C2)
YUV	195.2180, -0.6005, 5.9478
Hunter-Lab	73.5873, -0.3510, 4.2155

Details

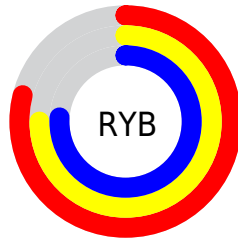
The XYZ color **52.9444, 54.1509, 58.7006** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2862, 57.6191, 62.9597**, and the grayscale version is **52.0043, 54.7125, 59.5820**.

A 20% lighter version of the original color is **92.0627, 95.2969, 103.9844**, and **26.1790, 26.6546, 28.5760** is the 20% darker color. If you saturate the color by 10%, you get **47.0922, 45.1953, 48.2744**, and if you desaturate by 10%, it is **59.6059, 64.4077, 70.3724**.

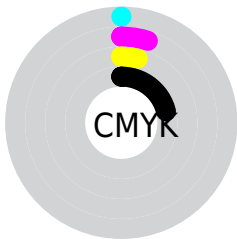
Distribution



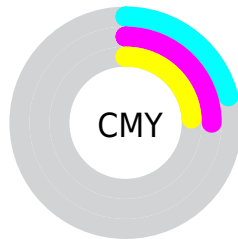
- Red (79%)
- Green (75%)
- Blue (76%)



- Red (79%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9444, 54.1509, 58.7006 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 52.9444, 54.1509, 58.7006 by changing the saturation by 10% instead.

■ 52.9444, 54.1509,
58.7006

■ 52.9444, 54.1509,
58.7006

388.3361,
402.6852, 437.4624

■ 37.9857, 38.7223,
41.9537

■ 93.6886, 96.2958,
104.4672

■ 26.1487, 26.5438,
28.7398

120.2047,
123.7809, 134.3241

■ 17.0682, 17.2309,
18.6402

151.3041,
156.0536, 169.3880

■ 10.3787, 10.3992,
11.2364

187.3520,
193.4983, 210.0775

■ 5.7150, 5.6645,
6.1099

228.7138,
236.4994, 256.8111

■ 2.7116, 2.6421,
2.8421

275.7548,

■ 1.0031, 0.9479,

285.4413, 310.0075

1.0146

328.8405,
340.7085, 370.0851

■ 0.0000, 0.0000,
0.0000

■ 52.9444, 54.1509,
58.7006

■ 52.9444, 54.1509,
58.7006

■ 47.0922, 45.1953,
48.2744

■ 59.6059, 64.4077,
70.3724

■ 42.0139, 37.4820,
39.0490

■ 67.1015, 76.0076,
83.3257

■ 37.6780, 30.9581,
30.9818

■ 75.4603, 88.9991,
97.5992

■ 34.0492, 25.5642,
24.0266

■ 78.1675, 91.2967,
108.1099

■ 31.0892, 21.2358,
18.1339

■ 28.7562, 17.9015,
13.2504

■ 27.0033, 15.4816,
9.3182

■ 25.7768, 13.8837,
6.2729

■ 25.0123, 12.9959,
4.0418

Harmonies

Analogous

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



52.7914, 54.1509, 60.8481



52.9444, 54.1509, 58.7006



52.6988, 54.1509, 56.6723

Triad

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



52.9444, 54.1509, 58.7006



50.6633, 54.1509, 55.5348



50.8196, 54.1509, 62.7973

Complementary

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



52.9444, 54.1509, 58.7006



53.2862, 57.6191, 62.9597

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.



50.2581, 54.1509, 61.3107



52.9444, 54.1509, 58.7006



50.1685, 54.1509, 57.1136

Square

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



52.9444, 54.1509, 58.7006



51.3778, 54.1509, 54.8732



50.0209, 54.1509, 59.2224



51.5600, 54.1509, 63.2472

Rectangle

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



52.9444, 54.1509, 58.7006



52.3435, 54.1509, 55.6505



50.0209, 54.1509, 59.2224



50.6039, 54.1509, 62.4005

Sweetspot

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



52.9459, 54.1533, 58.7018



93.9150, 98.2530, 106.9094



53.3315, 54.2454, 63.5375



20.1136, 21.0486, 22.9040



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.



52.9459, 54.1533, 58.7018



88.4526, 89.8600, 97.2834



53.3884, 55.3946, 57.7504



11.6836, 11.8338, 12.8038



15.9495, 8.1904, 2.1867



0.8504, 0.4336, 0.2582

Inverse Universe

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



52.9459, 54.1533, 58.7018



88.4526, 89.8600, 97.2834



52.8243, 56.3194, 63.9645



11.6836, 11.8338, 12.8038



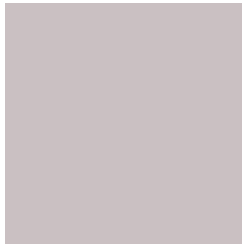
15.9495, 8.1904, 2.1867



0.8504, 0.4336, 0.2582

Previews

White Background



This preview shows how the XYZ color 52.9444, 54.1509, 58.7006 looks on a white background.

Color Contrast Check

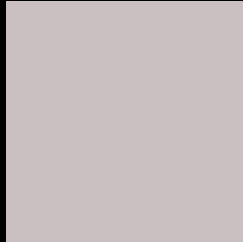
Large Text (above 18pt) WCAG AA × Fail

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 52.9444, 54.1509, 58.7006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

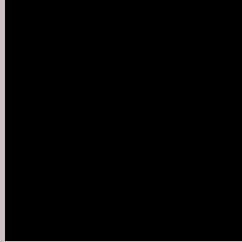
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9444, 54.1509, 58.7006

Background



This preview shows how black text looks on a background with the XYZ color 52.9444, 54.1509, 58.7006.

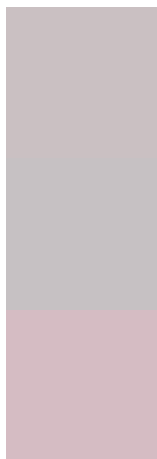


This preview shows how white text looks on a background with the XYZ color 52.9444, 54.1509,

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

52.9444, 54.1509, 58.7006

Protanopia

52.2090, 54.0858, 59.3177

Deuteranopia

55.2741, 54.0527, 59.1497



Tritanopia

54.3347, 54.0721, 65.3308

Trichromacy



Original Color

52.9444, 54.1509, 58.7006

Protanomaly

52.4735, 54.2222, 59.3300

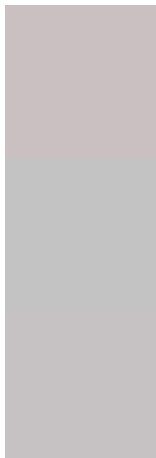
Deuteranomaly

54.3424, 53.8906, 59.1675

Tritanomaly

53.8020, 54.1752, 62.8795

Monochromacy



Original Color

52.9444, 54.1509, 58.7006

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.4308, 54.5295, 59.3916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9444, 54.1509, 58.7006 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, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(202, 192, 194)  
}
```

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, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 192, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.9444, 54.1509, 58.7006 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, 192, 194) }
```


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

```
.border{ border-color:rgb(202, 192, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 192, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 192,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9444, 54.1509, 58.7006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 192, 194) }
```

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

```
.background{ background-color: rgb(202,  
192, 194) }
```

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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