

Converting Colors

XYZ(51.9449, 54.4915, 59.1844)

Have a look what the booklet for
XYZ(51.9449, 54.4915, 59.1844)
contains.

XYZ(52.1304, 54.7061, 59.4415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(52.1304, 54.7061,
59.4415)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C3C3
RGB	196, 195, 195
RGB Percent	77%, 76%, 76%
CMY	0.2314, 0.2353, 0.2353
CMYK	0.00, 0.01, 0.01, 0.23
HSL	0°, 1%, 77%
HSV	0°, 1%, 77%
XYZ	52.1304, 54.7061, 59.4415
YIQ	195.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

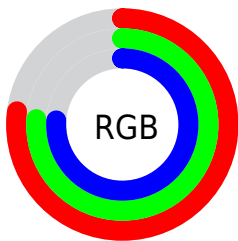
Format	Color
RYB	196, 195, 195
Decimal	12895171
CIELab	78.87, 0.35, 0.11
CIElCh	79, 0.369, 17.965
Yxy	54.7061, 0.3135, 0.3290
Android (android.graphics.Color)	4291085251 (0xFFC4C3C3)
YUV	195.2990, -0.1474, 0.6148
Hunter-Lab	73.9636, -3.6273, 4.1256

Details

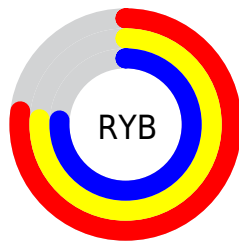
The XYZ color **52.1304, 54.7061, 59.4415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2095, 55.0668, 60.1026**, and the grayscale version is **52.0520, 54.7627, 59.6366**.

A 20% lighter version of the original color is **92.8891, 97.5317, 106.0252**, and **25.4879, 26.7236, 29.0141** is the 20% darker color. If you saturate the color by 10%, you get **45.9643, 45.6901, 47.1608**, and if you desaturate by 10%, it is **59.1632, 64.9883, 73.4476**.

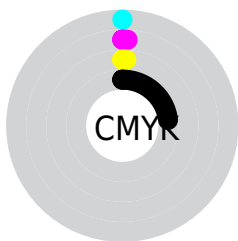
Distribution



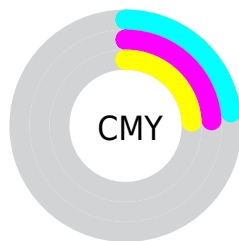
- Red (77%)
- Green (76%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1304, 54.7061, 59.4415 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 52.1304, 54.7061, 59.4415 by changing the saturation by 10% instead.

■ 52.1304, 54.7061,
59.4415

■ 52.1304, 54.7061,
59.4415

385.2555,
404.7969, 440.2834

■ 37.3337, 39.1665,
42.5463

■ 92.4966, 97.1102,
105.5545

■ 25.6408, 26.8893,
29.2005

118.7968,
124.7435, 135.6093

■ 16.6864, 17.4901,
18.9857

149.6623,
157.1767, 170.8878

■ 10.1051, 10.5845,
11.4832

185.4584,
194.7944, 211.8084

■ 5.5315, 5.7882,
6.2746

226.5504,
237.9809, 258.7898

■ 2.6003, 2.7167,
2.9413

273.3036,

■ 0.9461, 0.9857,

287.1205, 312.2504

1.0647

326.0836,
342.5977, 372.6087

■ 0.0000, 0.0000,
0.0000

■ 52.1304, 54.7061,
59.4415

■ 52.1304, 54.7061,
59.4415

■ 45.9643, 45.6901,
47.1608

■ 59.1632, 64.9883,
73.4476

■ 40.6269, 37.8848,
36.5355

■ 67.0894, 76.5758,
89.2385

■ 36.0843, 31.2407,
27.4957

■ 75.9406, 89.5144,
106.8751

■ 32.2985, 25.7024,
19.9656

■ 76.5753, 90.4760,
108.0354

■ 29.2284, 21.2099,
13.8628

■ 26.8291, 17.6974,
9.0974

■ 25.0503, 15.0921,
5.5692

■ 23.8350, 13.3104,
3.1636

■ 23.1156, 12.2539,
1.7453

Harmonies

Analogous

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



52.1342, 54.7061, 59.6497



52.1304, 54.7061, 59.4415



52.0907, 54.7061, 59.2670

Triad

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



52.1304, 54.7061, 59.4415



51.8921, 54.7061, 59.2964



51.9672, 54.7061, 59.9604

Complementary

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



52.1304, 54.7061, 59.4415



52.2095, 55.0668, 60.1026

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.



51.9024, 54.7061, 59.8653



52.1304, 54.7061, 59.4415



51.8591, 54.7061, 59.4817

Square

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



52.1304, 54.7061, 59.4415



51.9531, 54.7061, 59.1833



51.8628, 54.7061, 59.6900



52.0399, 54.7061, 59.9496

Rectangle

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



52.1304, 54.7061, 59.4415



52.0493, 54.7061, 59.1931



51.8628, 54.7061, 59.6900



51.9438, 54.7061, 59.9398

Sweetspot

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



52.1319, 54.7085, 59.4427

95.0500, 100.0000, 108.9000



52.2447, 54.7523, 60.0401



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



52.1319, 54.7085, 59.4427



93.8367, 98.2260, 106.4836



52.2434, 54.9314, 59.4799



11.2041, 11.7329, 12.7238



14.6333, 7.5524, 0.6865



0.6332, 0.3282, 0.0300

Inverse Universe

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



52.2095, 55.0668, 60.1026



94.1153, 99.5141, 108.8555



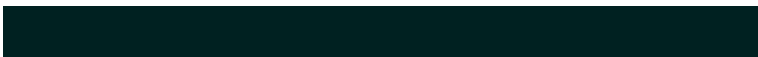
52.0976, 54.8431, 60.0653



11.2348, 11.8746, 12.9847



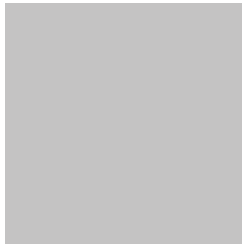
18.9926, 27.7416, 37.9103



0.8216, 1.2005, 1.6383

Previews

White Background



This preview shows how the XYZ color 52.1304, 54.7061, 59.4415 looks on a white background.

Color Contrast Check

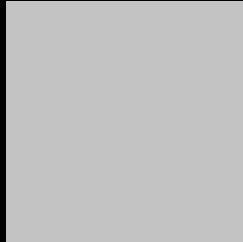
Large Text (above 18pt) WCAG AA × Fail

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 52.1304, 54.7061, 59.4415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

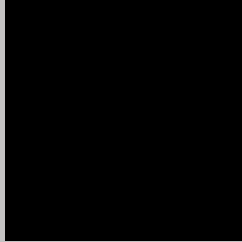
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

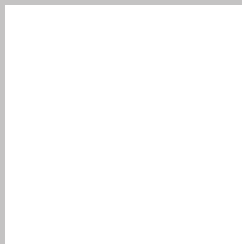
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1304, 54.7061, 59.4415

Background



This preview shows how black text looks on a background with the XYZ color 52.1304, 54.7061, 59.4415.

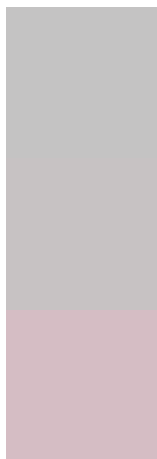


This preview shows how white text looks on a background with the XYZ color 52.1304, 54.7061,

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

52.1304, 54.7061, 59.4415

Protanopia

52.6953, 54.6658, 59.4040

Deuteranopia

55.6020, 54.5268, 59.8187



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

52.1304, 54.7061, 59.4415

Protanomaly

52.4308, 54.5295, 59.3916

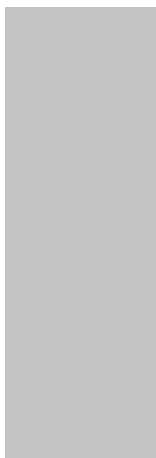
Deuteranomaly

54.3267, 54.5125, 59.8832

Tritanomaly

53.0972, 54.7657, 64.2722

Monochromacy



Original Color

52.1304, 54.7061, 59.4415

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8711, 54.5724, 59.4294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1304, 54.7061, 59.4415 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, 195, 195) looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 195)  
}
```

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, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.1304, 54.7061, 59.4415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

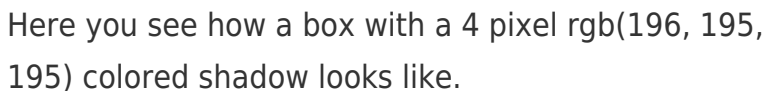
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 195, 195) }
```

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

```
.border{ border-color:rgb(196, 195, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 195, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 195, 195); box-shadow:4px 4px 4px 4px rgb(196, 195, 195) }
```


Background

The CSS property to change the background color of an element to XYZ 52.1304, 54.7061, 59.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 195) }
```

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

```
.background{ background-color: rgb(196,  
195, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor