

Converting Colors

XYZ(52.1764, 54.3345, 57.6521)

Have a look what the booklet for
XYZ(52.1764, 54.3345, 57.6521)
contains.

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Color

**XYZ(52.3594, 54.5315,
57.6352)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C2C0
RGB	199, 194, 192
RGB Percent	78%, 76%, 75%
CMY	0.2196, 0.2392, 0.2471
CMYK	0.00, 0.03, 0.04, 0.22
HSL	17°, 6%, 77%
HSV	17°, 4%, 78%
XYZ	52.3594, 54.5315, 57.6352
YIQ	195.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

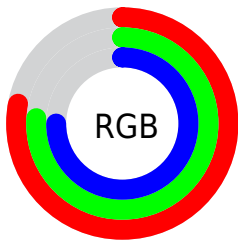
Format	Color
RYB	199, 195, 192
Decimal	13091520
CIELab	78.77, 1.38, 1.61
CIElCh	79, 2.125, 49.344
Yxy	54.5315, 0.3182, 0.3314
Android (android.graphics.Color)	4291281600 (0xFFC7C2C0)
YUV	195.2670, -1.6106, 3.2738
Hunter-Lab	73.8454, -2.6658, 5.4169

Details

The XYZ color **52.3594, 54.5315, 57.6352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0132, 55.2616, 61.9586**, and the grayscale version is **52.0400, 54.7502, 59.6229**.

A 20% lighter version of the original color is **92.3689, 96.4085, 102.5473**, and **25.7153, 26.6400, 28.2128** is the 20% darker color. If you saturate the color by 10%, you get **47.2907, 47.6869, 45.7928**, and if you desaturate by 10%, it is **58.0316, 62.1045, 71.1510**.

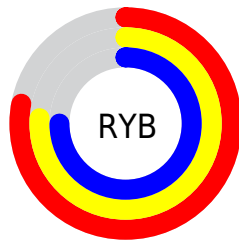
Distribution



Red (78%)

Green (76%)

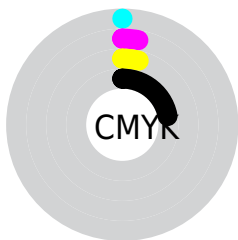
Blue (75%)



Red (78%)

Yellow (76%)

Blue (75%)

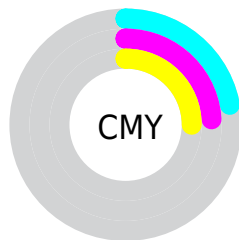


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3594, 54.5315, 57.6352 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 52.3594, 54.5315, 57.6352 by changing the saturation by 10% instead.

■ 52.3594, 54.5315,
57.6352

■ 52.3594, 54.5315,
57.6352

386.1237,
404.1336, 433.3855

■ 37.5171, 39.0267,
41.1027

■ 92.8322, 96.8542,
102.9010

■ 25.7836, 26.7805,
28.0790

119.1933,
124.4409, 132.4713

■ 16.7936, 17.4085,
18.1457

150.1247,
156.8238, 167.2246

■ 10.1819, 10.5261,
10.8841

185.9918,
194.3871, 207.5795

■ 5.5829, 5.7492,
5.8758

227.1599,
237.5154, 253.9545

■ 2.6314, 2.6932,
2.7021

273.9943,

■ 0.9620, 0.9737,

286.5929, 306.7681

0.9445

326.8605,
342.0042, 366.4389

■ 0.0000, 0.0000,
0.0000

■ 52.3594, 54.5315,
57.6352

■ 52.3594, 54.5315,
57.6352

■ 47.2907, 47.6869,
45.7928

■ 58.0316, 62.1045,
71.1510

■ 42.8005, 41.5419,
35.5548

■ 64.3219, 70.4194,
86.3985

■ 38.8689, 36.0763,
26.8528

■ 71.2504, 79.4985,
103.4373

■ 35.4730, 31.2661,
19.6119

■ 76.0448, 88.2450,
107.6327

■ 32.5883, 27.0859,
13.7509

■ 77.3635, 90.8823,
108.0723

■ 30.1881, 23.5085,
9.1807

■ 28.2434, 20.5049,
5.8014

■ 26.7212, 18.0430,
3.4985

■ 25.5835, 16.0872,
2.1342

Harmonies

Analogous

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



52.5976, 54.5315, 58.6114



52.3594, 54.5315, 57.6352



51.9803, 54.5315, 57.1276

Triad

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



52.3594, 54.5315, 57.6352



51.0396, 54.5315, 58.9481



52.0990, 54.5315, 61.5885

Complementary

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



52.3594, 54.5315, 57.6352



52.0132, 55.2616, 61.9586

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.



51.6811, 54.5315, 61.6816



52.3594, 54.5315, 57.6352



51.0710, 54.5315, 60.1463

Square

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



52.3594, 54.5315, 57.6352



51.2193, 54.5315, 57.8788



51.3053, 54.5315, 61.1506



52.4467, 54.5315, 60.8978

Rectangle

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



52.3594, 54.5315, 57.6352



51.6993, 54.5315, 57.1187



51.3053, 54.5315, 61.1506



51.9620, 54.5315, 61.6911

Sweetspot

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



52.3609, 54.5339, 57.6364



94.0642, 98.6810, 106.5594



52.4835, 53.8742, 60.4666



20.1440, 21.1357, 22.8328



0.0000, 0.0000, 0.0000



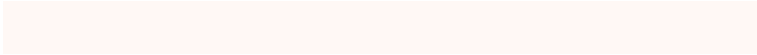
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3609, 54.5339, 57.6364



91.1721, 94.8028, 99.7197



53.1445, 56.1010, 57.8976



11.4106, 11.8425, 12.3868



16.1503, 9.8178, 1.0438



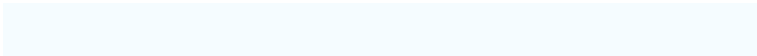
0.8280, 0.5915, 0.0705

Inverse Universe

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



52.0132, 55.2616, 61.9586



90.4721, 96.2679, 108.4209



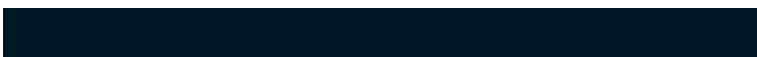
51.2322, 53.6996, 61.6983



11.3091, 12.0549, 13.6483



12.9305, 15.2549, 37.0073



0.6719, 0.8416, 1.7722

Previews

White Background



This preview shows how the XYZ color 52.3594, 54.5315, 57.6352 looks on a white background.

Color Contrast Check

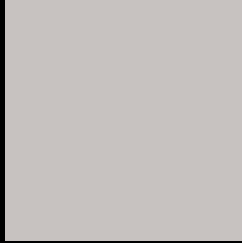
Large Text (above 18pt) WCAG AA × Fail

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 52.3594, 54.5315, 57.6352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

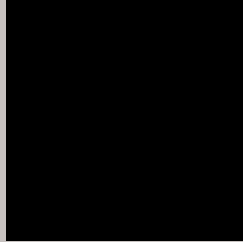
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

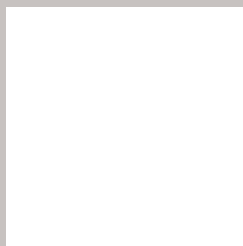
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3594, 54.5315, 57.6352

Background



This preview shows how black text looks on a background with the XYZ color 52.3594, 54.5315, 57.6352.

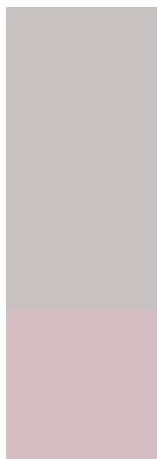


This preview shows how white text looks on a background with the XYZ color 52.3594, 54.5315,

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

52.3594, 54.5315, 57.6352

Protanopia

52.3594, 54.5315, 57.6352

Deuteranopia

55.5548, 54.5416, 58.0516



Tritanopia

54.1995, 54.6218, 66.7179

Trichromacy



Original Color

52.3594, 54.5315, 57.6352

Protanomaly

52.3594, 54.5315, 57.6352

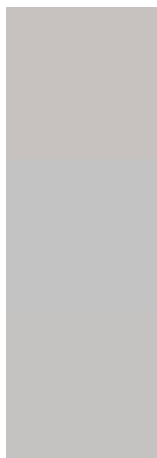
Deuteranomaly

54.5509, 54.6672, 58.1288

Tritanomaly

53.5501, 54.6836, 63.6097

Monochromacy



Original Color

52.3594, 54.5315, 57.6352

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0177, 54.6610, 58.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3594, 54.5315, 57.6352 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, 192) looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 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(199, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.3594, 54.5315, 57.6352 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, 192) }
```


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

```
.border{ border-color:rgb(199, 194, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3594, 54.5315, 57.6352 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, 192) }
```

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

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