

Converting Colors

XYZ(50.8800, 53.5501, 58.6355)

Have a look what the booklet for
XYZ(50.8800, 53.5501, 58.6355)
contains.

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Color

**XYZ(50.7999, 53.3724,
58.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C1C2
RGB	193, 193, 194
RGB Percent	76%, 76%, 76%
CMY	0.2431, 0.2431, 0.2392
CMYK	0.01, 0.01, 0.00, 0.24
HSL	240°, 1%, 76%
HSV	240°, 1%, 76%
XYZ	50.7999, 53.3724, 58.6634
YIQ	193.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
RYB	193, 193, 194
Decimal	12698050
CIELab	78.09, 0.19, -0.51
CIELCh	78, 0.544, 290.351
Yxy	53.3724, 0.3120, 0.3278
Android (android.graphics.Color)	4290888130 (0xFFC1C1C2)
YUV	193.1140, 0.4368, -0.1000
Hunter-Lab	73.0564, -3.7285, 3.5304

Details

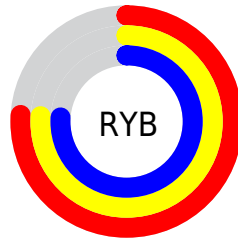
The XYZ color **50.7999, 53.3724, 58.6634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1657, 53.9026, 58.1604**, and the grayscale version is **50.7545, 53.3977, 58.1501**.

A 20% lighter version of the original color is **90.1979, 94.7932, 103.9855**, and **24.9269, 26.2251, 28.5591** is the 20% darker color. If you saturate the color by 10%, you get **42.1760, 42.9908, 57.1149**, and if you desaturate by 10%, it is **60.6347, 65.2112, 60.4310**.

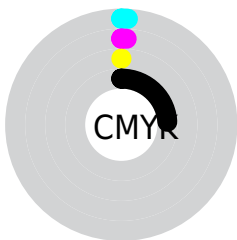
Distribution



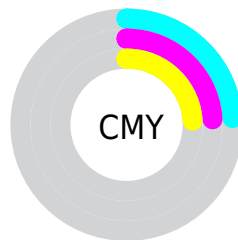
- Red (76%)
- Green (76%)
- Blue (76%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7999, 53.3724, 58.6634 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 50.7999, 53.3724, 58.6634 by changing the saturation by 10% instead.

■ 50.7999, 53.3724,
58.6634

■ 50.7999, 53.3724,
58.6634

380.1863,
399.7122, 437.3205

■ 36.2698, 38.1001,
41.9240

□ 90.5437, 95.1521,
104.4126

■ 24.8137, 26.0604,
28.7167

116.4880,
122.4284, 134.2595

■ 16.0663, 16.8688,
18.6228

146.9679,
154.4748, 169.3126

■ 9.6622, 10.1410,
11.2240

182.3485,
191.6756, 209.9904

■ 5.2361, 5.4926,
6.1017

222.9953,
234.4154, 256.7116

■ 2.4226, 2.5391,
2.8372

269.2737,

■ 0.8564, 0.8961,

283.0785, 309.8947

1.0121

321.5489,
338.0493, 369.9581

■ 0.0000, 0.0000,
0.0000

■ 50.7999, 53.3724,
58.6634

■ 50.7999, 53.3724,
58.6634

■ 42.1760, 42.9908,
57.1149

■ 60.6347, 65.2112,
60.4310

■ 34.7118, 34.0035,
55.7736

■ 71.7199, 78.5532,
62.4220

■ 28.3594, 26.3534,
54.6317

■ 84.0988, 93.4511,
64.6451

■ 23.0654, 19.9764,
53.6799

■ 86.7378, 96.6751,
65.1283

■ 18.7725, 14.8036,
52.9077

■ 15.4177, 10.7593,
52.3039

■ 12.9308, 7.7594,
51.8559

■ 11.2321, 5.7080,
51.5495

■ 10.2267, 4.4915,
51.3677

Harmonies

Analogous

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



50.6947, 53.3724, 58.6918



50.7999, 53.3724, 58.6634



50.8862, 53.3724, 58.4874

Triad

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



50.7999, 53.3724, 58.6634



50.8592, 53.3724, 57.6644



50.5279, 53.3724, 58.0155

Complementary

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



50.7999, 53.3724, 58.6634



51.1657, 53.9026, 58.1604

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.



50.5718, 53.3724, 57.7412



50.7999, 53.3724, 58.6634



50.7631, 53.3724, 57.5389

Square

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



50.7999, 53.3724, 58.6634



50.9205, 53.3724, 57.9104



50.6579, 53.3724, 57.5670



50.5377, 53.3724, 58.3171

Rectangle

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



50.7999, 53.3724, 58.6634



50.9214, 53.3724, 58.3103



50.6579, 53.3724, 57.5670



50.5368, 53.3724, 57.9171

Sweetspot

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



50.8014, 53.3747, 58.6646



92.9021, 97.7402, 106.4391



51.0207, 53.8162, 58.7284



20.3446, 21.4041, 23.3091



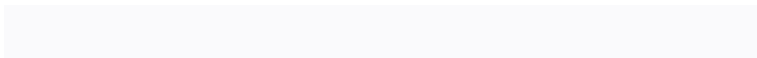
0.0000, 0.0000, 0.0000

Same Dimension

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



50.8014, 53.3747, 58.6646



91.2047, 95.6969, 106.1341



50.9241, 53.4369, 58.6701



11.1465, 11.6980, 12.9553



6.4076, 2.5717, 33.7153



0.2777, 0.1129, 1.4570

Inverse Universe

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



50.9449, 53.4605, 58.0886



91.7154, 96.0024, 104.0841



51.0425, 53.8402, 58.1549



11.2040, 11.7324, 12.7245



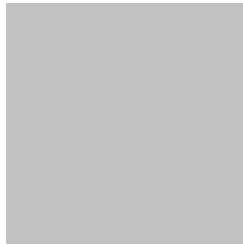
14.6302, 7.5418, 0.6990



0.6326, 0.3260, 0.0326

Previews

White Background



This preview shows how the XYZ color 50.7999, 53.3724, 58.6634 looks on a white background.

Color Contrast Check

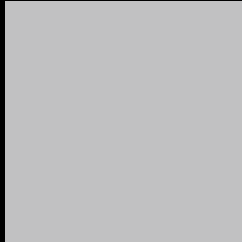
Large Text (above 18pt) WCAG AA × Fail

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 50.7999, 53.3724, 58.6634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

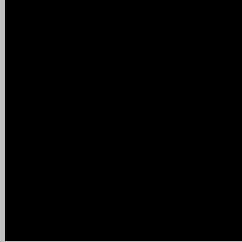
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

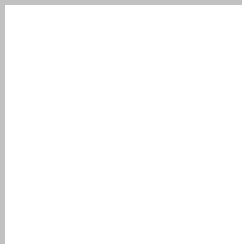
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7999, 53.3724, 58.6634

Background



This preview shows how black text looks on a background with the XYZ color 50.7999, 53.3724, 58.6634.



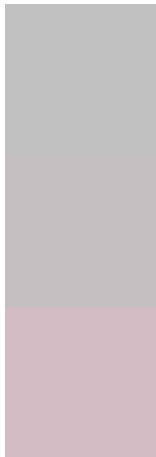
This preview shows how white text looks on a background with the XYZ color 50.7999, 53.3724,

58.6634.

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

50.7999, 53.3724, 58.6634

Protanopia

51.2402, 53.2853, 58.0365

Deuteranopia

54.4846, 53.3297, 59.0518



Tritanopia

52.2771, 53.3199, 65.9290

Trichromacy



Original Color

50.7999, 53.3724, 58.6634

Protanomaly

50.9810, 53.1516, 58.0244

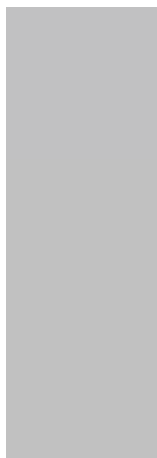
Deuteranomaly

52.9498, 53.1727, 59.1024

Tritanomaly

51.7584, 53.4329, 63.4627

Monochromacy



Original Color

50.7999, 53.3724, 58.6634

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6879, 53.3276, 58.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7999, 53.3724, 58.6634 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(193, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 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(193, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.7999, 53.3724, 58.6634 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(193, 193, 194) }
```

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

```
.border{ border-color:rgb(193, 193, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
194) }
```


Background

The CSS property to change the background color of an element to XYZ 50.7999, 53.3724, 58.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 194) }
```

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

```
.background{ background-color: rgb(193,  
193, 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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