

Converting Colors

XYZ(51.7631, 54.2112, 59.5172)

Have a look what the booklet for
XYZ(51.7631, 54.2112, 59.5172)
contains.

XYZ(51.6478, 54.1258, 59.3550)	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(51.6478, 54.1258,
59.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C2C3
RGB	195, 194, 195
RGB Percent	76%, 76%, 76%
CMY	0.2353, 0.2392, 0.2353
CMYK	0.00, 0.01, 0.00, 0.24
HSL	300°, 1%, 76%
HSV	300°, 1%, 76%
XYZ	51.6478, 54.1258, 59.3550
YIQ	194.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

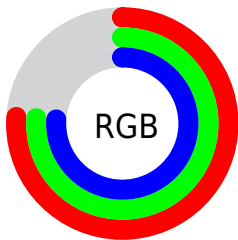
Format	Color
RYB	195, 194, 195
Decimal	12829379
CIELab	78.54, 0.53, -0.39
CIElCh	79, 0.660, 324.086
Yxy	54.1258, 0.3128, 0.3278
Android (android.graphics.Color)	4291019459 (0xFFC3C2C3)
YUV	194.4130, 0.2894, 0.5148
Hunter-Lab	73.5702, -3.4373, 3.6652

Details

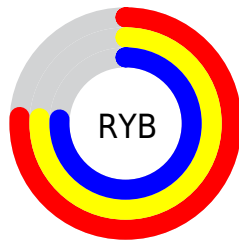
The XYZ color **51.6478, 54.1258, 59.3550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5029, 54.3961, 58.8267**, and the grayscale version is **51.5224, 54.2056, 59.0298**.

A 20% lighter version of the original color is **91.9012, 96.0949, 105.7999**, and **25.1703, 26.3420, 28.9572** is the 20% darker color. If you saturate the color by 10%, you get **47.5896, 46.0096, 58.0031**, and if you desaturate by 10%, it is **56.2786, 63.3857, 60.8991**.

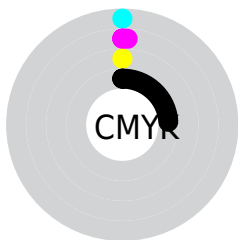
Distribution



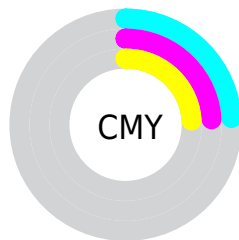
- Red (76%)
- Green (76%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6478, 54.1258, 59.3550 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 51.6478, 54.1258, 59.3550 by changing the saturation by 10% instead.

■ 51.6478, 54.1258,
59.3550

■ 51.6478, 54.1258,
59.3550

383.4217,
402.5895, 439.9547

■ 36.9476, 38.7022,
42.4771

■ 91.7889, 96.2589,
105.4276

■ 25.3404, 26.5282,
29.1467

117.9605,
123.7373, 135.4594

■ 16.4609, 17.2192,
18.9453

148.6866,
156.0027, 170.7129

■ 9.9438, 10.3909,
11.4543

184.3325,
193.4396, 211.6066

■ 5.4237, 5.6589,
6.2553

225.2636,
236.4323, 258.5591

■ 2.5352, 2.6388,
2.9296

271.8453,

■ 0.9131, 0.9462,

285.3653, 311.9889

1.0588

324.4429,
340.6229, 372.3146

■ 0.0000, 0.0000,
0.0000

■ 51.6478, 54.1258,
59.3550

■ 51.6478, 54.1258,
59.3550

■ 47.5896, 46.0096,
58.0031

■ 56.2786, 63.3857,
60.8991

■ 44.0774, 38.9860,
56.8325

■ 61.4981, 73.8237,
62.6387

■ 41.0892, 33.0105,
55.8366

■ 67.3276, 85.4819,
64.5817

■ 38.5999, 28.0329,
55.0071

■ 68.1190, 87.0637,
64.8454

■ 36.5824, 23.9989,
54.3348

■ 68.1196, 87.0641,
64.8454

■ 35.0070, 20.8489,
53.8098

■ 68.1202, 87.0644,
64.8454

■ 33.8404, 18.5166,
53.4211

■ 68.1208, 87.0647,
64.8454

■ 33.0448, 16.9264,
53.1561

■ 68.1214, 87.0650,
64.8455

■ 32.5755, 15.9887,
52.9998

■ 68.1221, 87.0653,
64.8455

Harmonies

Analogous

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



51.5471, 54.1258, 59.5902



51.6478, 54.1258, 59.3550



51.6942, 54.1258, 59.0076

Triad

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



51.6478, 54.1258, 59.3550



51.4707, 54.1258, 58.2241



51.2169, 54.1258, 59.2266

Complementary

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



51.6478, 54.1258, 59.3550



51.5029, 54.3961, 58.8267

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.



51.1965, 54.1258, 58.8600



51.6478, 54.1258, 59.3550



51.3429, 54.1258, 58.2822

Square

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



51.6478, 54.1258, 59.3550



51.5918, 54.1258, 58.3555



51.2426, 54.1258, 58.5146



51.2984, 54.1258, 59.5159

Rectangle

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



51.6478, 54.1258, 59.3550



51.6879, 54.1258, 58.7596



51.2426, 54.1258, 58.5146



51.2027, 54.1258, 59.1083

Sweetspot

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



51.6493, 54.1281, 59.3562



92.9021, 97.7402, 106.4391



51.3963, 54.0032, 59.3454



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.



51.6493, 54.1281, 59.3562



92.1125, 96.1613, 106.1759



51.5950, 54.1064, 59.0697



11.2487, 11.7502, 12.9600



21.0257, 10.0996, 34.3979



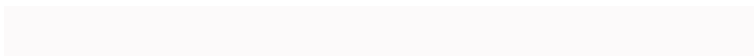
0.9085, 0.4364, 1.4862

Inverse Universe

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



51.5370, 54.0832, 58.7646



91.7142, 96.0020, 104.0779



51.5571, 54.4178, 59.1122



11.2038, 11.7323, 12.7238



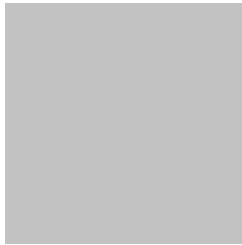
14.6276, 7.5408, 0.6851



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 51.6478, 54.1258, 59.3550 looks on a white background.

Color Contrast Check

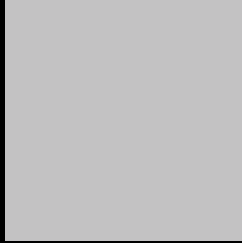
Large Text (above 18pt) WCAG AA × Fail

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 51.6478, 54.1258, 59.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

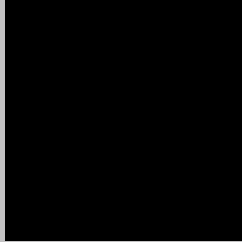
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

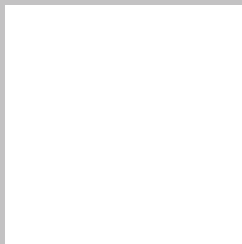
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6478, 54.1258, 59.3550

Background



This preview shows how black text looks on a background with the XYZ color 51.6478, 54.1258, 59.3550.

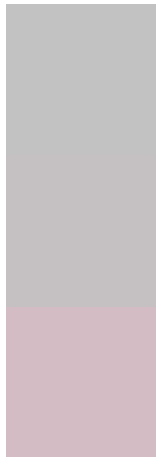


This preview shows how white text looks on a background with the XYZ color 51.6478, 54.1258,

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

51.6478, 54.1258, 59.3550

Protanopia

51.9462, 53.9504, 59.3054

Deuteranopia

55.0984, 53.9490, 59.7338



Tritanopia

53.1381, 54.0746, 66.6682

Trichromacy



Original Color

51.6478, 54.1258, 59.3550

Protanomaly

51.6852, 53.8158, 59.2931

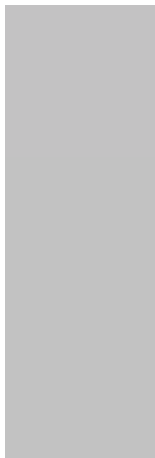
Deuteranomaly

53.8309, 53.9342, 59.7977

Tritanomaly

52.6144, 54.1875, 64.1861

Monochromacy



Original Color

51.6478, 54.1258, 59.3550

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2775, 53.9479, 58.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6478, 54.1258, 59.3550 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(195, 194, 195) looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 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(195, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 51.6478, 54.1258, 59.3550 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(195, 194, 195) }
```

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

```
.border{ border-color:rgb(195, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
195) }
```


Background

The CSS property to change the background color of an element to XYZ 51.6478, 54.1258, 59.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 195) }
```

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

```
.background{ background-color: rgb(195,  
194, 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