

Converting Colors

XYZ(53.9886, 54.3773, 58.1024)

Have a look what the booklet for
XYZ(53.9886, 54.3773, 58.1024)
contains.

XYZ(53.9886, 54.3773, 58.1024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9886, 54.3773,
58.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBFC1
RGB	207, 191, 193
RGB Percent	81%, 75%, 76%
CMY	0.1882, 0.2510, 0.2431
CMYK	0.00, 0.08, 0.07, 0.19
HSL	353°, 14%, 78%
HSV	353°, 8%, 81%
XYZ	53.9886, 54.3773, 58.1024
YIQ	196.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

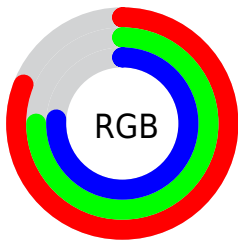
Format	Color
R_{YB}	207, 191, 193
Decimal	13615041
CIE _{Lab}	78.68, 5.98, 1.02
CIE _{LCh}	79, 6.065, 9.703
Yxy	54.3773, 0.3243, 0.3267
Android (android.graphics.Color)	4291805121 (0xFFCFBFC1)
YUV	196.0120, -1.4849, 9.6365
Hunter-Lab	73.7410, 1.6400, 4.9026

Details

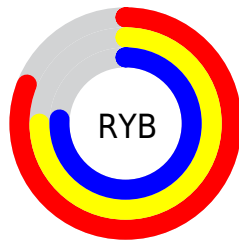
The XYZ color **53.9886, 54.3773, 58.1024** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8203, 60.1112, 66.4740**, and the grayscale version is **52.4828, 55.2159, 60.1302**.

A 20% lighter version of the original color is **91.5996, 94.6211, 103.0584**, and **26.9590, 26.8427, 28.5712** is the 20% darker color. If you saturate the color by 10%, you get **47.8909, 45.2201, 46.7022**, and if you desaturate by 10%, it is **60.9750, 64.9143, 71.0217**.

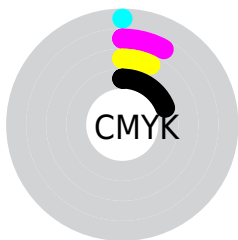
Distribution



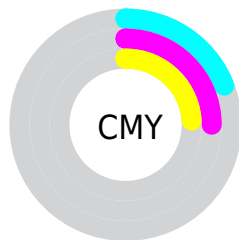
- Red (81%)
- Green (75%)
- Blue (76%)



- Red (81%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9886, 54.3773, 58.1024 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 53.9886, 54.3773, 58.1024 by changing the saturation by 10% instead.


 53.9886, 54.3773,
58.1024

 53.9886, 54.3773,
58.1024


392.2656,
403.5471, 435.1763

 38.8232, 38.9034,
41.4757


 95.2145, 96.6280,
103.5882

 26.8023, 26.6846,
28.3685


122.0057,
124.1736, 133.2844

 17.5606, 17.3365,
18.3622


153.4028,
156.5118, 168.1743

 10.7328, 10.4747,
11.0382

189.7713,
194.0272, 208.6762

 5.9534, 5.7148,
5.9780

231.4765,
237.1040, 255.2089

 2.8572, 2.6724,
2.7632

278.8837,

 1.0787, 0.9632,

286.1266, 308.1907

0.9750

332.3583,
341.4796, 368.0404

■ 0.0072, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9886, 54.3773,
58.1024

■ 53.9886, 54.3773,
58.1024

■ 47.8909, 45.2201,
46.7022

■ 60.9750, 64.9143,
71.0217

■ 42.6418, 37.3787,
36.7617

■ 68.8790, 76.8775,
85.5094

■ 38.2049, 30.7949,
28.2229

■ 77.7339, 90.3198,
101.6171

■ 34.5393, 25.4030,
21.0225

■ 79.5424, 92.0056,
108.1743

■ 31.6006, 21.1315,
15.0924

■ 29.3400, 17.9015,
10.3582

■ 27.7023, 15.6232,
6.7382

■ 26.6237, 14.1922,
4.1397

■ 26.0172, 13.4612,
2.4519

Harmonies

Analogous

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



53.8753, 54.3773, 61.5263



53.9886, 54.3773, 58.1024



53.4771, 54.3773, 55.0915

Triad

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



53.9886, 54.3773, 58.1024



50.2260, 54.3773, 54.2744



50.8888, 54.3773, 65.6149

Complementary

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



53.9886, 54.3773, 58.1024



54.8203, 60.1112, 66.4740

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.



49.9315, 54.3773, 63.5239



53.9886, 54.3773, 58.1024



49.5529, 54.3773, 56.9479

Square

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



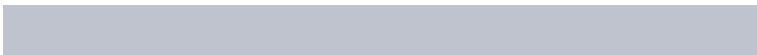
53.9886, 54.3773, 58.1024



51.2966, 54.3773, 52.9384



49.4459, 54.3773, 60.3268



52.0733, 54.3773, 65.9532

Rectangle

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



53.9886, 54.3773, 58.1024



52.8551, 54.3773, 53.6908



49.4459, 54.3773, 60.3268



50.5303, 54.3773, 65.0900

Sweetspot

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



53.9901, 54.3797, 58.1036



92.7341, 96.5049, 104.6238



55.0351, 54.7293, 66.6954



19.8732, 20.6926, 22.4386



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.



53.9901, 54.3797, 58.1036



85.0937, 84.9946, 90.4528



55.0738, 56.9010, 57.3734



11.8679, 11.8319, 12.5803



16.3478, 8.4120, 1.4717



0.9344, 0.4785, 0.1893

Inverse Universe

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



53.9901, 54.3797, 58.1036



85.0937, 84.9946, 90.4528



53.6681, 57.4188, 67.2865



11.8679, 11.8319, 12.5803



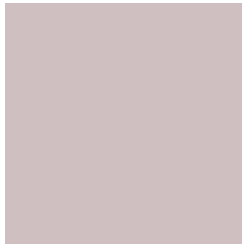
16.3478, 8.4120, 1.4717



0.9344, 0.4785, 0.1893

Previews

White Background



This preview shows how the XYZ color 53.9886, 54.3773, 58.1024 looks on a white background.

Color Contrast Check

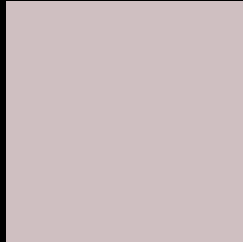
Large Text (above 18pt) WCAG AA × Fail

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 53.9886, 54.3773, 58.1024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

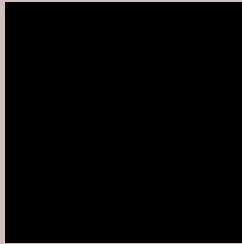
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9886, 54.3773, 58.1024

Background



This preview shows how black text looks on a background with the XYZ color 53.9886, 54.3773, 58.1024.



This preview shows how white text looks on a background with the XYZ color 53.9886, 54.3773,

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

53.9886, 54.3773, 58.1024

Protanopia

52.4308, 54.5295, 59.3916

Deuteranopia

55.5548, 54.5416, 58.0516



Tritanopia

55.3912, 54.3101, 64.6902

Trichromacy



Original Color

53.9886, 54.3773, 58.1024

Protanomaly

52.8950, 54.4525, 58.7615

Deuteranomaly

54.9031, 54.5261, 58.0830

Tritanomaly

54.8512, 54.4069, 62.2542

Monochromacy



Original Color

53.9886, 54.3773, 58.1024

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9615, 54.8031, 59.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9886, 54.3773, 58.1024 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(207, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 191, 193)  
}
```

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(207, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 191, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.9886, 54.3773, 58.1024 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(207, 191, 193) }
```


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

```
.border{ border-color:rgb(207, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(207, 191,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9886, 54.3773, 58.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 191, 193) }
```

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

```
.background{ background-color: rgb(207,  
191, 193) }
```

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