

Converting Colors

XYZ(54.7134, 60.0609, 63.9653)

Have a look what the booklet for
XYZ(54.7134, 60.0609, 63.9653)
contains.

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Color

**XYZ(54.8478, 60.1801,
63.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CFC9
RGB	193, 207, 201
RGB Percent	76%, 81%, 79%
CMY	0.2431, 0.1882, 0.2118
CMYK	0.07, 0.00, 0.03, 0.19
HSL	154°, 13%, 78%
HSV	154°, 7%, 81%
XYZ	54.8478, 60.1801, 63.9835
YIQ	202.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

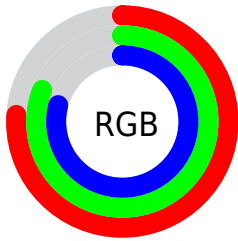
Format	Color
RYB	193, 202, 207
Decimal	12701641
CIELab	81.94, -5.87, 1.34
CIElCh	82, 6.016, 167.175
Yxy	60.1801, 0.3064, 0.3362
Android (android.graphics.Color)	4290891721 (0xFFC1CFC9)
YUV	202.1300, -0.5571, -8.0070
Hunter-Lab	77.5758, -9.5543, 5.4015

Details

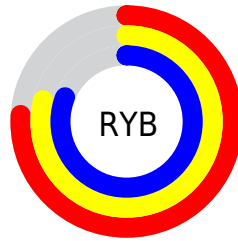
The XYZ color **54.8478, 60.1801, 63.9835** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1131, 55.5305, 61.8494**, and the grayscale version is **56.2278, 59.1560, 64.4209**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.3052, 30.3780, 32.0282** is the 20% darker color. If you saturate the color by 10%, you get **48.9219, 57.2441, 58.4138**, and if you desaturate by 10%, it is **61.5760, 63.5262, 69.9081**.

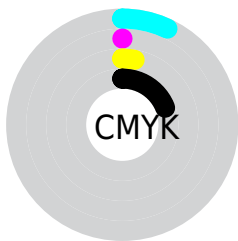
Distribution



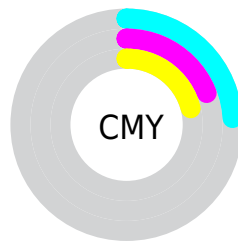
- Red (76%)
- Green (81%)
- Blue (79%)



- Red (76%)
- Yellow (79%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8478, 60.1801, 63.9835 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 54.8478, 60.1801, 63.9835 by changing the saturation by 10% instead.

■ 54.8478, 60.1801,
63.9835

■ 54.8478, 60.1801,
63.9835

395.4805,
425.2613, 457.3359

■ 39.5132, 43.5638,
46.1912

■ 96.4675, 105.0909,
112.1864

■ 27.3417, 30.3277,
32.0470

123.4834,
134.1542, 143.4341

■ 17.9680, 20.0875,
21.1323

155.1238,
168.1352, 180.0040

■ 11.0265, 12.4587,
13.0285

191.7541,
207.4185, 222.3147

■ 6.1521, 7.0569,
7.3172

233.7395,
252.3883, 270.7847

■ 2.9793, 3.4977,
3.5798

281.4455,

■ 1.1428, 1.3967,

303.4292, 325.8325

1.3978

335.2374,
360.9253, 387.8767

■ 0.0605, 0.2143,
0.1400

■ 0.0000, 0.0000,
0.0000

■ 54.8478, 60.1801,
63.9835

■ 54.8478, 60.1801,
63.9835

■ 48.9219, 57.2441,
58.4138

■ 61.5760, 63.5262,
69.9081

■ 43.7618, 54.6942,
53.1884

■ 69.1313, 67.2898,
76.1902

■ 39.3355, 52.5160,
48.3015

■ 77.5054, 71.4684,
82.8356

■ 35.6068, 50.6907,
43.7460

■ 78.7668, 71.9730,
89.4781

■ 32.5361, 49.1982,
39.5142

■ 80.0924, 72.5032,
96.4584

■ 30.0799, 48.0161,
35.5983

■ 81.4830, 73.0595,
103.7812

■ 28.1890, 47.1192,
31.9898

■ 81.6039, 73.1078,
104.4180

■ 26.8062, 46.4782,
28.6799

■ 25.8571, 46.0548,
25.6585

Harmonies

Analogous

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



55.4244, 60.1801, 60.8793



54.8478, 60.1801, 63.9835



54.8945, 60.1801, 67.6160

Triad

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



54.8478, 60.1801, 63.9835



57.9246, 60.1801, 72.4479



58.8779, 60.1801, 60.5220

Complementary

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



54.8478, 60.1801, 63.9835



55.1131, 55.5305, 61.8494

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.



59.5679, 60.1801, 63.4794



54.8478, 60.1801, 63.9835



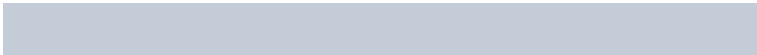
59.0119, 60.1801, 70.4031

Square

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



54.8478, 60.1801, 63.9835



56.6583, 60.1801, 72.5951



59.6172, 60.1801, 67.0929



57.7439, 60.1801, 58.9312

Rectangle

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



54.8478, 60.1801, 63.9835



55.2728, 60.1801, 69.8498



59.6172, 60.1801, 67.0929



59.1702, 60.1801, 61.3842

Sweetspot

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



54.8495, 60.1827, 63.9848



92.8485, 98.9055, 106.9699



55.5114, 60.6298, 59.2301



19.8965, 21.1813, 22.9163



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.



54.8495, 60.1827, 63.9848



86.5627, 95.7836, 101.3194



55.3442, 60.0197, 67.7024



11.9352, 13.3178, 14.0154



16.1763, 28.9634, 15.8404



0.9438, 1.6352, 1.0928

Inverse Universe

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



55.1131, 55.5305, 61.8494



87.0638, 86.9398, 97.2602



54.6366, 55.6712, 58.3191



12.0161, 11.8912, 13.3606



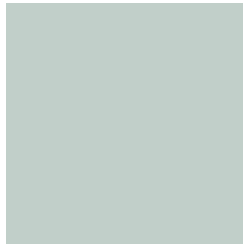
17.3870, 8.8276, 6.9442



1.0116, 0.5093, 0.5957

Previews

White Background



This preview shows how the XYZ color 54.8478, 60.1801, 63.9835 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 54.8478, 60.1801, 63.9835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

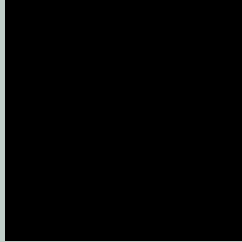
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

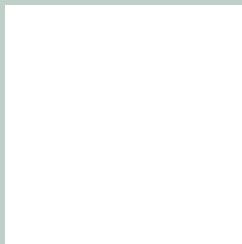
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8478, 60.1801, 63.9835

Background



This preview shows how black text looks on a background with the XYZ color 54.8478, 60.1801, 63.9835.



This preview shows how white text looks on a background with the XYZ color 54.8478, 60.1801,

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

54.8478, 60.1801, 63.9835

Protanopia

57.6772, 60.2453, 62.6214

Deuteranopia

61.1772, 59.9323, 64.8436



Tritanopia

57.2761, 60.0888, 76.2897

Trichromacy



Original Color

54.8478, 60.1801, 63.9835

Protanomaly

56.6468, 60.0524, 63.2492

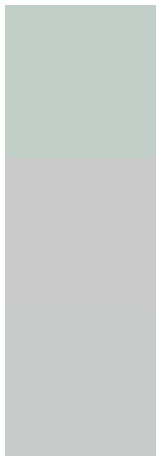
Deuteranomaly

58.6987, 60.0346, 64.3712

Tritanomaly

56.3472, 60.0688, 71.5754

Monochromacy



Original Color

54.8478, 60.1801, 63.9835

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8067, 59.5921, 64.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8478, 60.1801, 63.9835 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, 207, 201) looks like.

```
.text, #text, p{  
    color:rgb(193, 207, 201)  
}
```

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, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 207, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.8478, 60.1801, 63.9835 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, 207, 201) }
```


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

```
.border{ border-color:rgb(193, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 207,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8478, 60.1801, 63.9835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 207, 201) }
```

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

```
.background{ background-color: rgb(193,  
207, 201) }
```

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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