

Converting Colors

XYZ(51.8034, 53.5976, 59.9151)

Have a look what the booklet for
XYZ(51.8034, 53.5976, 59.9151)
contains.

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Color

**XYZ(51.8394, 53.5551,
59.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C0C4
RGB	197, 192, 196
RGB Percent	77%, 75%, 77%
CMY	0.2274, 0.2470, 0.2314
CMYK	0.00, 0.03, 0.01, 0.23
HSL	312°, 4%, 76%
HSV	312°, 3%, 77%
XYZ	51.8394, 53.5551, 59.8295
YIQ	193.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

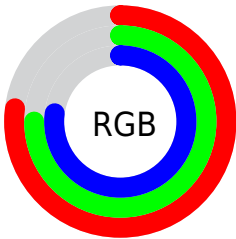
Format	Color
RYB	197, 192, 196
Decimal	12959940
CIELab	78.20, 2.48, -1.40
CIElCh	78, 2.843, 330.577
Yxy	53.5551, 0.3138, 0.3241
Android (android.graphics.Color)	4291150020 (0xFFC5C0C4)
YUV	193.9510, 1.0102, 2.6740
Hunter-Lab	73.1814, -1.6235, 2.7543

Details

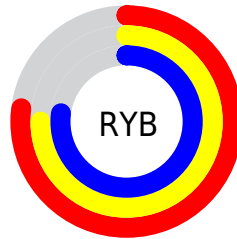
The XYZ color **51.8394, 53.5551, 59.8295** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3321, 54.9906, 58.3635**, and the grayscale version is **51.2440, 53.9127, 58.7109**.

A 20% lighter version of the original color is **92.1701, 95.2975, 106.4649**, and **25.4428, 26.2579, 29.3185** is the 20% darker color. If you saturate the color by 10%, you get **47.3578, 45.3000, 56.1511**, and if you desaturate by 10%, it is **56.9148, 62.9775, 63.7653**.

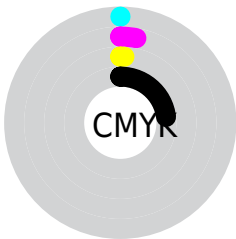
Distribution



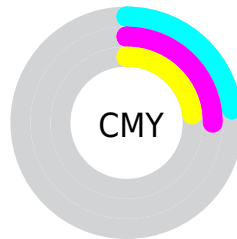
- Red (77%)
- Green (75%)
- Blue (77%)



- Red (77%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8394, 53.5551, 59.8295 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 51.8394, 53.5551, 59.8295 by changing the saturation by 10% instead.

■ 51.8394, 53.5551,
59.8295

■ 51.8394, 53.5551,
59.8295

384.1504,
400.4112, 441.7562

■ 37.1008, 38.2461,
42.8568

■ 92.0700, 95.4207,
106.1232

■ 25.4596, 26.1737,
29.4422

118.2927,
122.7461, 136.2814

■ 16.5504, 16.9537,
19.1672

149.0742,
154.8457, 171.6718

■ 10.0077, 10.2015,
11.6131

184.7798,
192.1039, 212.7129

■ 5.4664, 5.5327,
6.3615

225.7748,
234.9052, 259.8234

■ 2.5610, 2.5631,
2.9938

272.4247,

■ 0.9261, 0.9082,

283.6339, 313.4218

1.0915

325.0948,
338.6744, 373.9265

■ 0.0000, 0.0000,
0.0000

■ 51.8394, 53.5551,
59.8295

■ 51.8394, 53.5551,
59.8295

■ 47.3578, 45.3000,
56.1511

■ 56.9148, 62.9775,
63.7653

■ 43.4425, 38.1595,
52.7186

■ 62.6011, 73.6035,
67.9628

■ 40.0707, 32.0873,
49.5245

■ 68.9204, 85.4762,
72.4302

■ 37.2160, 27.0311,
46.5597

■ 70.6411, 88.1324,
75.4243

■ 34.8501, 22.9340,
43.8142

■ 71.1440, 88.3336,
78.0724

■ 32.9417, 19.7338,
41.2771

■ 71.6591, 88.5396,
80.7848

■ 31.4559, 17.3607,
38.9364

■ 72.1865, 88.7506,
83.5621

■ 30.3525, 15.7348,
36.7782

■ 72.7263, 88.9665,
86.4046

■ 29.5836, 14.7601,
34.7859

■ 73.2786, 89.1874,
89.3128

Harmonies

Analogous

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



51.4483, 53.5551, 60.9884



51.8394, 53.5551, 59.8295



51.9791, 53.5551, 58.2816

Triad

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



51.8394, 53.5551, 59.8295



50.8918, 53.5551, 55.3040



49.9876, 53.5551, 59.8838

Complementary

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



51.8394, 53.5551, 59.8295



51.3321, 54.9906, 58.3635

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.



49.8409, 53.5551, 58.3432



51.8394, 53.5551, 59.8295



50.3606, 53.5551, 55.7159

Square

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



51.8394, 53.5551, 59.8295



51.4295, 53.5551, 55.6860



49.9770, 53.5551, 56.8212



50.3791, 53.5551, 61.0201

Rectangle

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



51.8394, 53.5551, 59.8295



51.9100, 53.5551, 57.2429



49.9770, 53.5551, 56.8212



49.9082, 53.5551, 59.3951

Sweetspot

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



51.8409, 53.5574, 59.8307



94.1598, 98.3510, 108.1985



50.9222, 53.0706, 60.3839



20.1635, 21.0685, 23.1663



0.0000, 0.0000, 0.0000



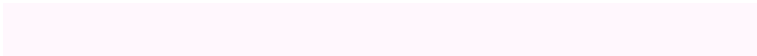
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8409, 53.5574, 59.8307



92.4124, 95.1176, 106.8096



51.5589, 53.4446, 58.3456



11.5654, 11.8420, 13.3940



19.2108, 9.4339, 22.1178



0.9334, 0.4562, 1.1726

Inverse Universe

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



51.8409, 53.5574, 59.8307



92.4124, 95.1176, 106.8096



51.6132, 55.1031, 59.8437



11.5654, 11.8420, 13.3940



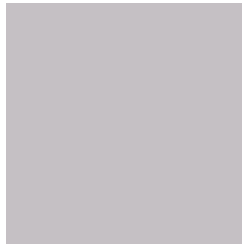
19.2108, 9.4339, 22.1178



0.9334, 0.4562, 1.1726

Previews

White Background



This preview shows how the XYZ color 51.8394, 53.5551, 59.8295 looks on a white background.

Color Contrast Check

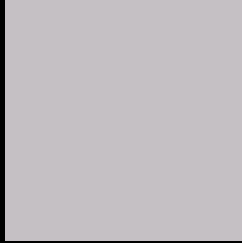
Large Text (above 18pt) WCAG AA × Fail

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 51.8394, 53.5551, 59.8295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

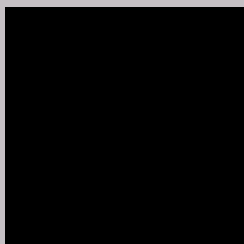
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

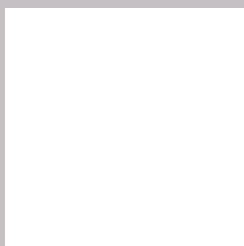
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8394, 53.5551, 59.8295

Background



This preview shows how black text looks on a background with the XYZ color 51.8394, 53.5551, 59.8295.

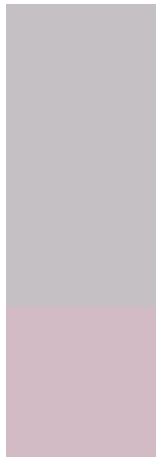


This preview shows how white text looks on a background with the XYZ color 51.8394, 53.5551,

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

51.8394, 53.5551, 59.8295

Protanopia

51.5784, 53.4206, 59.8173

Deuteranopia

54.4267, 53.2735, 60.2375



Tritanopia

53.0601, 53.7236, 65.9656

Trichromacy



Original Color

51.8394, 53.5551, 59.8295

Protanomaly

51.5784, 53.4206, 59.8173

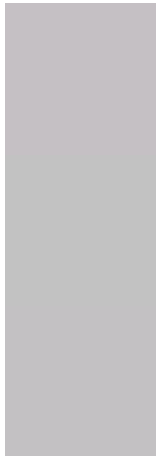
Deuteranomaly

53.4525, 53.4055, 60.3144

Tritanomaly

52.5802, 53.5316, 63.4385

Monochromacy



Original Color

51.8394, 53.5551, 59.8295

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4260, 53.6822, 59.2810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8394, 53.5551, 59.8295 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(197, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 192, 196)  
}
```

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(197, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 192, 196) }
```

Border

The CSS property to change the border of an element to XYZ 51.8394, 53.5551, 59.8295 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(197, 192, 196) }
```


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

```
.border{ border-color:rgb(197, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 192,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8394, 53.5551, 59.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 192, 196) }
```

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

```
.background{ background-color: rgb(197,  
192, 196) }
```

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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