

Converting Colors

XYZ(51.5804, 53.5807, 58.8931)

Have a look what the booklet for
XYZ(51.5804, 53.5807, 58.8931)
contains.

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Color

**XYZ(51.3522, 53.3301,
58.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C0C2
RGB	196, 192, 194
RGB Percent	77%, 75%, 76%
CMY	0.2314, 0.2470, 0.2392
CMYK	0.00, 0.02, 0.01, 0.23
HSL	330°, 3%, 76%
HSV	330°, 2%, 77%
XYZ	51.3522, 53.3301, 58.6261
YIQ	193.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

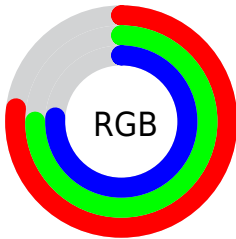
Format	Color
RYB	196, 192, 194
Decimal	12894402
CIELab	78.07, 1.76, -0.52
CIELCh	78, 1.836, 343.599
Yxy	53.3301, 0.3144, 0.3266
Android (android.graphics.Color)	4291084482 (0xFFC4C0C2)
YUV	193.4240, 0.2840, 2.2592
Hunter-Lab	73.0275, -2.2786, 3.5215

Details

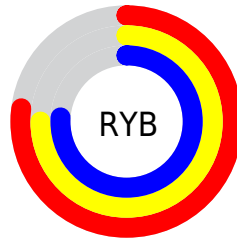
The XYZ color **51.3522, 53.3301, 58.6261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2178, 54.5828, 58.8778**, and the grayscale version is **50.9370, 53.5897, 58.3592**.

A 20% lighter version of the original color is **91.3307, 94.9196, 103.9501**, and **25.1216, 26.1095, 28.5265** is the 20% darker color. If you saturate the color by 10%, you get **46.2669, 44.8640, 51.6746**, and if you desaturate by 10%, it is **57.0864, 62.9761, 66.1540**.

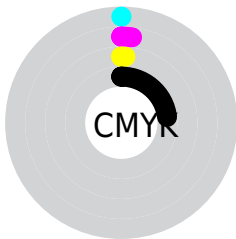
Distribution



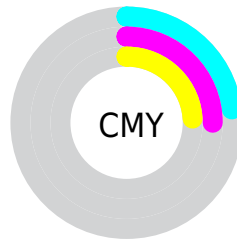
- Red (77%)
- Green (75%)
- Blue (76%)



- Red (77%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3522, 53.3301, 58.6261 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 51.3522, 53.3301, 58.6261 by changing the saturation by 10% instead.

■ 51.3522, 53.3301,
58.6261

■ 51.3522, 53.3301,
58.6261

382.2958,
399.5503, 437.1781

■ 36.7112, 38.0664,
41.8942

■ 91.3551, 95.0899,
104.3578

■ 25.1566, 26.0342,
28.6935

117.4476,
122.3548, 134.1947

■ 16.3231, 16.8492,
18.6055

148.0880,
154.3888, 169.2369

■ 9.8454, 10.1270,
11.2116

183.6417,
191.5764, 209.9032

■ 5.3580, 5.4833,
6.0934

224.4739,
234.3020, 256.6118

■ 2.4957, 2.5335,
2.8323

270.9501,

■ 0.8931, 0.8934,

282.9499, 309.7815

1.0096

323.4356,
337.9045, 369.8308

■ 0.0000, 0.0000,
0.0000

■ 51.3522, 53.3301,
58.6261

■ 51.3522, 53.3301,
58.6261

■ 46.2669, 44.8640,
51.6746

■ 57.0864, 62.9761,
66.1540

■ 41.8021, 37.5255,
45.2811

■ 63.4875, 73.8381,
74.2690

■ 37.9338, 31.2682,
39.4314

■ 70.5785, 85.9594,
82.9859

■ 34.6349, 26.0402,
34.1089

■ 73.2669, 89.1526,
90.6135

■ 31.8760, 21.7852,
29.2965

■ 74.7095, 89.7296,
98.2103

■ 29.6249, 18.4411,
24.9755

■ 76.2313, 90.3383,
106.2240

■ 27.8458, 15.9391,
21.1259

■ 76.5753, 90.4759,
108.0354

■ 26.4977, 14.2002,
17.7256

■ 25.5320, 13.1298,
14.7496

Harmonies

Analogous

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



51.1651, 53.3301, 59.5075



51.3522, 53.3301, 58.6261



51.3610, 53.3301, 57.6049

Triad

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



51.3522, 53.3301, 58.6261



50.5269, 53.3301, 56.1714



50.1916, 53.3301, 59.4382

Complementary

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



51.3522, 53.3301, 58.6261



51.2178, 54.5828, 58.8778

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.



50.0222, 53.3301, 58.5324



51.3522, 53.3301, 58.6261



50.2152, 53.3301, 56.6508

Square

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



51.3522, 53.3301, 58.6261



50.8834, 53.3301, 56.1958



50.0309, 53.3301, 57.5123



50.4945, 53.3301, 59.9801

Rectangle

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



51.3522, 53.3301, 58.6261



51.2645, 53.3301, 56.9828



50.0309, 53.3301, 57.5123



50.1172, 53.3301, 59.1657

Sweetspot

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



51.3537, 53.3324, 58.6273



94.0371, 98.3019, 107.5522



51.0635, 53.1567, 59.7942



20.1385, 21.0585, 23.0348



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.



51.3537, 53.3324, 58.6273



93.0363, 96.6258, 106.2151



51.1309, 53.2433, 57.4540



11.1160, 11.5567, 12.6943



16.0850, 8.1237, 8.3595



0.7298, 0.3649, 0.5445

Inverse Universe

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



51.3537, 53.3324, 58.6273



93.0363, 96.6258, 106.2151



51.4436, 54.6731, 60.0669



11.1160, 11.5567, 12.6943



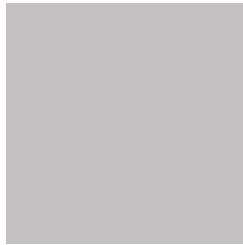
16.0850, 8.1237, 8.3595



0.7298, 0.3649, 0.5445

Previews

White Background



This preview shows how the XYZ color 51.3522, 53.3301, 58.6261 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 51.3522, 53.3301, 58.6261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

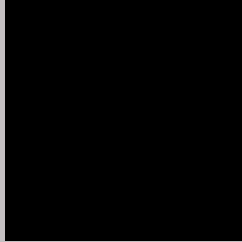
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

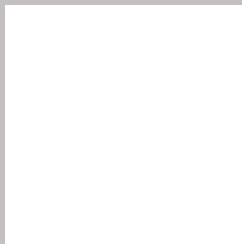
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3522, 53.3301, 58.6261

Background



This preview shows how black text looks on a background with the XYZ color 51.3522, 53.3301, 58.6261.

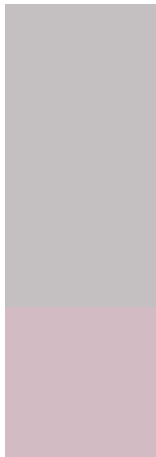


This preview shows how white text looks on a background with the XYZ color 51.3522, 53.3301,

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

51.3522, 53.3301, 58.6261

Protanopia

51.3522, 53.3301, 58.6261

Deuteranopia

54.4846, 53.3297, 59.0518



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

51.3522, 53.3301, 58.6261

Protanomaly

51.3522, 53.3301, 58.6261

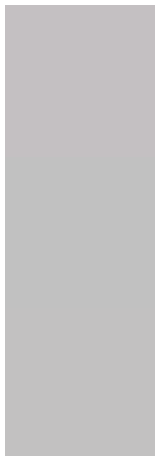
Deuteranomaly

53.5015, 53.4571, 59.1282

Tritanomaly

52.1994, 53.3490, 62.8045

Monochromacy



Original Color

51.3522, 53.3301, 58.6261

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9437, 53.4595, 58.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3522, 53.3301, 58.6261 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(196, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 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(196, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.3522, 53.3301, 58.6261 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(196, 192, 194) }
```


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

```
.border{ border-color:rgb(196, 192, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 192, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3522, 53.3301, 58.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 194) }
```

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

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