

Converting Colors

XYZ(51.8416, 55.0415, 53.3591)

Have a look what the booklet for
XYZ(51.8416, 55.0415, 53.3591)
contains.

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Color

**XYZ(51.6804, 54.9463,
53.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C4B8
RGB	198, 196, 184
RGB Percent	78%, 77%, 72%
CMY	0.2235, 0.2314, 0.2784
CMYK	0.00, 0.01, 0.07, 0.22
HSL	51°, 11%, 75%
HSV	51°, 7%, 78%
XYZ	51.6804, 54.9463, 53.2293
YIQ	195.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

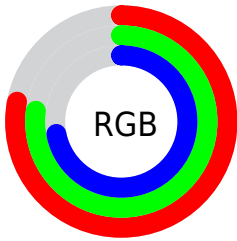
Format	Color
RYB	186, 198, 184
Decimal	13026488
CIELab	79.01, -1.43, 6.26
CIELCh	79, 6.419, 102.854
Yxy	54.9463, 0.3233, 0.3437
Android (android.graphics.Color)	4291216568 (0xFFC6C4B8)
YUV	195.2300, -5.5364, 2.4293
Hunter-Lab	74.1258, -5.2701, 9.3122

Details

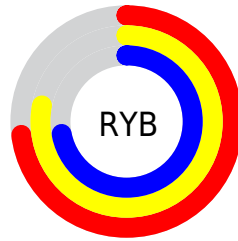
The XYZ color **51.6804, 54.9463, 53.2293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5192, 49.3848, 60.4545**, and the grayscale version is **52.0400, 54.7502, 59.6229**.

A 20% lighter version of the original color is **92.0935, 97.8018, 96.4619**, and **25.2713, 26.9140, 25.3357** is the 20% darker color. If you saturate the color by 10%, you get **49.1181, 52.9136, 42.8420**, and if you desaturate by 10%, it is **54.5483, 57.1240, 65.1531**.

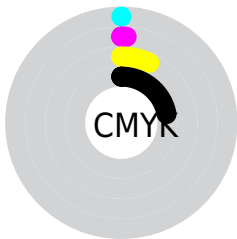
Distribution



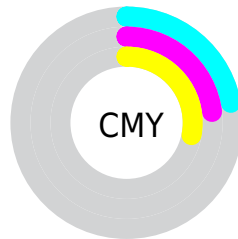
- Red (78%)
- Green (77%)
- Blue (72%)



- Red (73%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6804, 54.9463, 53.2293 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 51.6804, 54.9463, 53.2293 by changing the saturation by 10% instead.

■ 51.6804, 54.9463,
53.2293

■ 51.6804, 54.9463,
53.2293

383.5458,
405.7083, 416.2555

■ 36.9736, 39.3587,
37.5969

■ 91.8367, 97.4623,
96.3867

■ 25.3607, 27.0389,
25.3706

118.0170,
125.1595, 124.7487

■ 16.4761, 17.6024,
16.1318

148.7525,
157.6620, 158.1910

■ 9.9547, 10.6649,
9.4621

184.4086,
195.3542, 197.1321

■ 5.4309, 5.8420,
4.9429

225.3506,
238.6206, 241.9905

■ 2.5396, 2.7493,
2.1556

271.9439,

■ 0.9153, 1.0023,

287.8455, 293.1849

0.6486

324.5539,
343.4133, 351.1337

■ 0.0000, 0.0000,
0.0000

■ 51.6804, 54.9463,
53.2293

■ 51.6804, 54.9463,
53.2293

■ 49.1181, 52.9136,
42.8420

■ 54.5483, 57.1240,
65.1531

■ 46.8448, 51.0138,
33.9243

■ 57.7286, 59.4441,
78.6694

■ 44.8491, 49.2440,
26.4100

■ 61.2336, 61.9135,
93.8357

■ 43.1170, 47.5986,
20.2260

■ 63.7244, 63.9967,
103.6017

■ 41.6335, 46.0713,
15.2929

■ 64.4160, 65.3798,
103.8322

■ 40.3817, 44.6554,
11.5226

■ 65.1198, 66.7875,
104.0668

■ 39.3427, 43.3431,
8.8157

■ 65.8360, 68.2200,
104.3056

■ 38.4945, 42.1256,
7.0562

■ 66.5647, 69.6773,
104.5485

■ 37.8068, 40.9906,
6.0859

■ 67.3058, 71.1595,
104.7955

Harmonies

Analogous

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



52.9521, 54.9463, 53.3555



51.6804, 54.9463, 53.2293



50.5724, 54.9463, 54.8183

Triad

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



51.6804, 54.9463, 53.2293



50.4452, 54.9463, 64.7390



54.6066, 54.9463, 61.9245

Complementary

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



51.6804, 54.9463, 53.2293



47.5192, 49.3848, 60.4545

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.



53.9128, 54.9463, 65.1323



51.6804, 54.9463, 53.2293



51.5042, 54.9463, 66.8021

Square

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



51.6804, 54.9463, 53.2293



49.8671, 54.9463, 61.4055



52.7730, 54.9463, 66.9489



54.6557, 54.9463, 58.2762

Rectangle

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



51.6804, 54.9463, 53.2293



50.0700, 54.9463, 56.6755



52.7730, 54.9463, 66.9489



54.4406, 54.9463, 63.0936

Sweetspot

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



51.6819, 54.9487, 53.2305



94.0081, 99.2127, 104.5555



49.3036, 49.8370, 53.5319



20.1325, 21.2439, 22.4247



0.0000, 0.0000, 0.0000



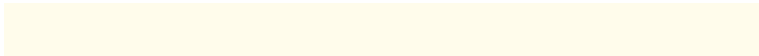
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6819, 54.9487, 53.2305



91.0166, 96.9129, 92.2036



50.8644, 55.2003, 53.3221



11.3900, 12.1492, 11.3075



24.5126, 26.5424, 3.8312



1.1970, 1.3294, 0.1935

Inverse Universe

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



47.5192, 49.3848, 60.4545



82.6108, 85.6778, 106.7912



48.2958, 49.1651, 60.3712



10.1767, 10.5275, 13.4131



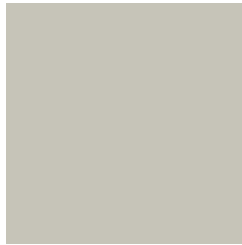
6.9407, 3.2752, 35.0107



0.3691, 0.2361, 1.6713

Previews

White Background



This preview shows how the XYZ color 51.6804, 54.9463, 53.2293 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 51.6804, 54.9463, 53.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

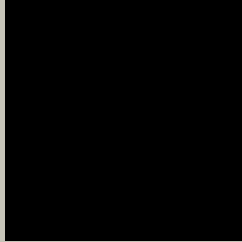
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

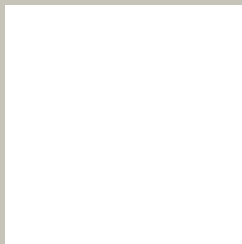
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6804, 54.9463, 53.2293

Background



This preview shows how black text looks on a background with the XYZ color 51.6804, 54.9463, 53.2293.



This preview shows how white text looks on a background with the XYZ color 51.6804, 54.9463,

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

51.6804, 54.9463, 53.2293

Protanopia

52.4195, 55.0057, 52.6541

Deuteranopia

55.8680, 54.8034, 53.5325



Tritanopia

54.3222, 54.6708, 67.3639

Trichromacy



Original Color

51.6804, 54.9463, 53.2293

Protanomaly

52.1497, 54.8666, 52.6415

Deuteranomaly

54.4706, 55.0509, 53.6539

Tritanomaly

53.1982, 54.5428, 61.7568

Monochromacy



Original Color

51.6804, 54.9463, 53.2293

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6840, 54.5276, 57.0910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6804, 54.9463, 53.2293 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(198, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 184)  
}
```

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(198, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.6804, 54.9463, 53.2293 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(198, 196, 184) }
```


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

```
.border{ border-color:rgb(198, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6804, 54.9463, 53.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 184) }
```

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

```
.background{ background-color: rgb(198,  
196, 184) }
```

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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