

Converting Colors

XYZ(52.3919, 53.4994, 50.4282)

Have a look what the booklet for
XYZ(52.3919, 53.4994, 50.4282)
contains.

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Color

**XYZ(52.2823, 53.3470,
50.1893)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBEB3
RGB	207, 190, 179
RGB Percent	81%, 75%, 70%
CMY	0.1882, 0.2549, 0.2980
CMYK	0.00, 0.08, 0.14, 0.19
HSL	24°, 23%, 76%
HSV	24°, 14%, 81%
XYZ	52.2823, 53.3470, 50.1893
YIQ	193.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

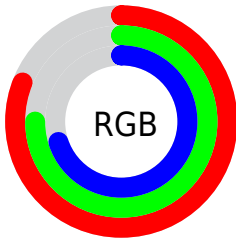
Format	Color
R _Y B	207, 197, 179
Decimal	13614771
CIE Lab	78.08, 4.16, 7.71
CIE LCh	78, 8.763, 61.639
Yxy	53.3470, 0.3355, 0.3424
Android (android.graphics.Color)	4291804851 (0xFFCFBEB3)
YUV	193.8290, -7.3107, 11.5510
Hunter-Lab	73.0390, -0.0457, 10.3858

Details

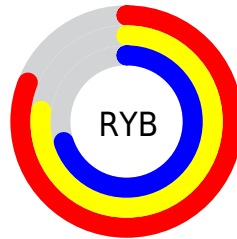
The XYZ color **52.2823, 53.3470, 50.1893** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5927, 53.5676, 66.7578**, and the grayscale version is **51.2145, 53.8816, 58.6771**.

A 20% lighter version of the original color is **89.1912, 93.1697, 91.8799**, and **25.8484, 26.1700, 23.4276** is the 20% darker color. If you saturate the color by 10%, you get **47.7391, 47.3629, 39.1098**, and if you desaturate by 10%, it is **57.3774, 59.9308, 63.0046**.

Distribution



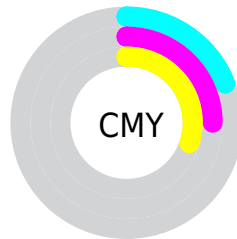
- Red (81%)
- Green (75%)
- Blue (70%)



- Red (81%)
- Yellow (77%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2823, 53.3470, 50.1893 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 52.2823, 53.3470, 50.1893 by changing the saturation by 10% instead.

■ 52.2823, 53.3470,
50.1893

■ 52.2823, 53.3470,
50.1893

385.8316,
399.6150, 404.1620

■ 37.4553, 38.0799,
35.1916

■ 92.7192, 95.1148,
91.8545

■ 25.7355, 26.0447,
23.5258

119.0598,
122.3842, 119.3590

■ 16.7575, 16.8571,
14.7733

149.9691,
154.4232, 151.8696

■ 10.1560, 10.1326,
8.5156

185.8122,
191.6161, 189.8048

■ 5.5656, 5.4870,
4.3341

226.9547,
234.3473, 233.5831

■ 2.6209, 2.5357,
1.8104

273.7619,

■ 0.9566, 0.8945,

283.0013, 283.6230

0.4348

326.5990,
337.9624, 340.3431

■ 0.0000, 0.0000,
0.0000

■ 52.2823, 53.3470,
50.1893

■ 52.2823, 53.3470,
50.1893

■ 47.7391, 47.3629,
39.1098

■ 57.3774, 59.9308,
63.0046

■ 43.7236, 41.9541,
29.6872

■ 63.0388, 67.1239,
77.6231

■ 40.2160, 37.1047,
21.8415

■ 69.2858, 74.9446,
94.1128

■ 37.1938, 32.7954,
15.4848

■ 75.0207, 82.9621,
106.6670

■ 34.6322, 29.0056,
10.5202

■ 78.8542, 90.6291,
107.9449

■ 32.5041, 25.7132,
6.8395

■ 79.5424, 92.0055,
108.1743

■ 30.7788, 22.8941,
4.3178

■ 29.4204, 20.5213,
2.8048

■ 28.7009, 19.2025,
2.1938

Harmonies

Analogous

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



53.5551, 53.3470, 53.2862



52.2823, 53.3470, 50.1893



50.6108, 53.3470, 49.1746

Triad

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



52.2823, 53.3470, 50.1893



47.4894, 53.3470, 58.3554



52.4486, 53.3470, 66.4750

Complementary

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



52.2823, 53.3470, 50.1893



49.5927, 53.5676, 66.7578

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.



50.7988, 53.3470, 68.0134



52.2823, 53.3470, 50.1893



47.9573, 53.3470, 63.1653

Square

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



52.2823, 53.3470, 50.1893



47.8668, 53.3470, 53.7276



49.1592, 53.3470, 66.7700



53.6526, 53.3470, 62.6736

Rectangle

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



52.2823, 53.3470, 50.1893



49.5022, 53.3470, 49.7672



49.1592, 53.3470, 66.7700



51.9265, 53.3470, 67.2833

Sweetspot

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



52.2838, 53.3494, 50.1904



91.5074, 95.4734, 99.8315



51.8471, 49.5041, 59.2071



19.4473, 20.2569, 21.0144



0.0000, 0.0000, 0.0000



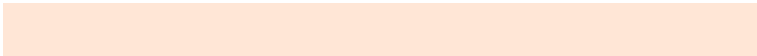
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2838, 53.3494, 50.1904



81.7652, 82.8493, 75.4344



55.3990, 59.5798, 51.2288



12.1844, 12.5595, 12.3941



18.1688, 12.2707, 1.4109



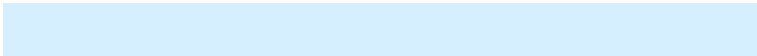
1.0923, 0.8389, 0.1044

Inverse Universe

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



49.5927, 53.5676, 66.7578



76.6965, 83.2593, 106.6361



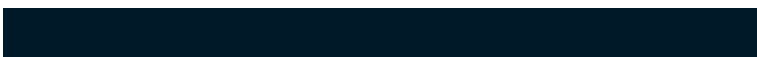
46.6363, 47.6547, 65.7723



11.7522, 12.5946, 15.0553



11.8629, 12.3724, 38.9554



0.7394, 0.8440, 2.2035

Previews

White Background



This preview shows how the XYZ color 52.2823, 53.3470, 50.1893 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 52.2823, 53.3470, 50.1893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

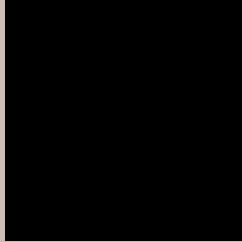
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2823, 53.3470, 50.1893

Background



This preview shows how black text looks on a background with the XYZ color 52.2823, 53.3470, 50.1893.



This preview shows how white text looks on a background with the XYZ color 52.2823, 53.3470,

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

52.2823, 53.3470, 50.1893

Protanopia

50.9073, 53.2739, 50.7798

Deuteranopia

54.4124, 53.1648, 50.5740



Tritanopia

54.8913, 53.4593, 62.6839

Trichromacy



Original Color

52.2823, 53.3470, 50.1893

Protanomaly

51.4976, 53.2534, 50.7447

Deuteranomaly

53.4491, 52.9821, 50.5895

Tritanomaly

53.9034, 53.3720, 57.9129

Monochromacy



Original Color

52.2823, 53.3470, 50.1893

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8085, 53.9562, 55.8281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2823, 53.3470, 50.1893 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, 190, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 179)  
}
```

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, 190, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 179) }
```

Border

The CSS property to change the border of an element to XYZ 52.2823, 53.3470, 50.1893 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, 190, 179) }
```


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

```
.border{ border-color:rgb(207, 190, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2823, 53.3470, 50.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 179) }
```

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

```
.background{ background-color: rgb(207,  
190, 179) }
```

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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