

Converting Colors

XYZ(52.1104, 53.3965, 52.3694)

Have a look what the booklet for
XYZ(52.1104, 53.3965, 52.3694)
contains.

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Color

**XYZ(52.0799, 53.5179,
52.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBFB7
RGB	204, 191, 183
RGB Percent	80%, 75%, 72%
CMY	0.2000, 0.2510, 0.2823
CMYK	0.00, 0.06, 0.10, 0.20
HSL	23°, 17%, 76%
HSV	23°, 10%, 80%
XYZ	52.0799, 53.5179, 52.3848
YIQ	193.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

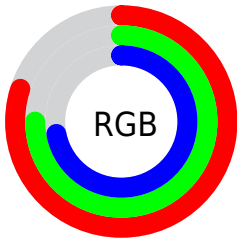
Format	Color
R_{YB}	204, 196, 183
Decimal	13418423
CIE Lab	78.18, 3.20, 5.66
CIE LCh	78, 6.505, 60.526
Yxy	53.5179, 0.3297, 0.3388
Android (android.graphics.Color)	4291608503 (0xFFCCBFB7)
YUV	193.9750, -5.4107, 8.7919
Hunter-Lab	73.1559, -0.9483, 8.7533

Details

The XYZ color **52.0799, 53.5179, 52.3848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1673, 53.9057, 64.8881**, and the grayscale version is **51.2914, 53.9625, 58.7652**.

A 20% lighter version of the original color is **90.0808, 94.0135, 95.0600**, and **25.6954, 26.2727, 24.8359** is the 20% darker color. If you saturate the color by 10%, you get **47.4734, 47.4599, 41.1219**, and if you desaturate by 10%, it is **57.2345, 60.1785, 65.3501**.

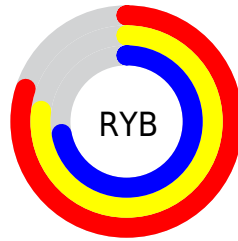
Distribution



Red (80%)

Green (75%)

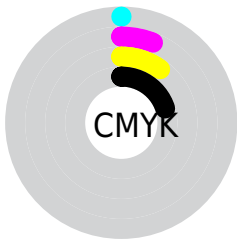
Blue (72%)



Red (80%)

Yellow (77%)

Blue (72%)

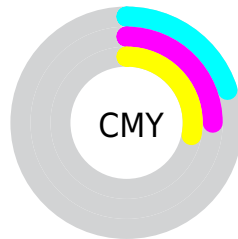


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (25%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0799, 53.5179, 52.3848 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 52.0799, 53.5179, 52.3848 by changing the saturation by 10% instead.


 52.0799, 53.5179,
52.3848

 52.0799, 53.5179,
52.3848


385.0639,
400.2689, 412.9195

 37.2933, 38.2164,
36.9275


 92.4226, 95.3660,
95.1308

 25.6094, 26.1507,
24.8560


118.7094,
122.6814, 123.2567

 16.6628, 16.9364,
15.7518


149.5603,
154.7702, 156.4425

 10.0882, 10.1891,
9.1962

185.3407,
192.0168, 195.1068

 5.5202, 5.5245,
4.7708

226.4159,
234.8055, 239.6681

 2.5934, 2.5582,
2.0571

273.1512,

 0.9426, 0.9057,

283.5209, 290.5449

0.5900

325.9121,
338.5472, 348.1559

■ 0.0000, 0.0000,
0.0000

■ 52.0799, 53.5179,
52.3848

■ 52.0799, 53.5179,
52.3848

■ 47.4734, 47.4599,
41.1219

■ 57.2345, 60.1785,
65.3501

■ 43.3915, 41.9801,
31.4864

■ 62.9509, 67.4510,
80.0814

■ 39.8152, 37.0629,
23.4032

■ 69.2479, 75.3535,
96.6435

■ 36.7229, 32.6892,
16.7893

■ 74.5570, 83.2673,
106.7504

■ 34.0909, 28.8388,
11.5544

■ 78.4350, 91.0233,
108.0430

■ 31.8936, 25.4900,
7.5978

■ 78.7121, 91.5775,
108.1354

■ 30.1021, 22.6193,
4.8048

■ 28.6833, 20.2006,
3.0399

■ 27.6089, 18.2511,
2.0677

Harmonies

Analogous

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



53.0029, 53.5179, 54.7864



52.0799, 53.5179, 52.3848



50.8447, 53.5179, 51.5453

Triad

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



52.0799, 53.5179, 52.3848



48.4608, 53.5179, 58.3363



52.1194, 53.5179, 64.5154

Complementary

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



52.0799, 53.5179, 52.3848



50.1673, 53.9057, 64.8881

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.



50.8896, 53.5179, 65.5596



52.0799, 53.5179, 52.3848



48.7896, 53.5179, 61.9022

Square

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



52.0799, 53.5179, 52.3848



48.7677, 53.5179, 54.8934



49.6734, 53.5179, 64.5843



53.0260, 53.5179, 61.7862

Rectangle

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



52.0799, 53.5179, 52.3848



50.0145, 53.5179, 51.9559



49.6734, 53.5179, 64.5843



51.7295, 53.5179, 65.0801

Sweetspot

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



52.0814, 53.5203, 52.3859



92.3508, 96.5335, 102.0445



51.8340, 50.7043, 59.4594



19.6156, 20.4672, 21.4593



0.0000, 0.0000, 0.0000



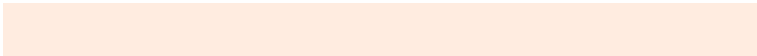
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0814, 53.5203, 52.3859



84.7624, 86.6906, 83.0713



54.3830, 58.1235, 53.1532



11.5569, 11.9028, 11.7678



17.4606, 11.6542, 1.3292



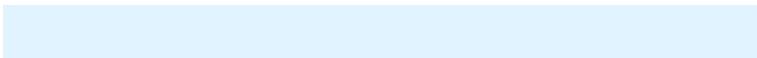
0.9735, 0.7467, 0.0928

Inverse Universe

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



50.1673, 53.9057, 64.8881



81.0662, 87.4345, 107.2116



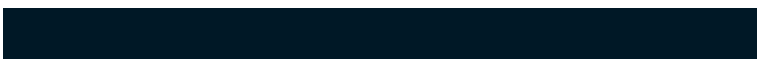
47.9450, 49.4613, 64.1473



11.1702, 11.9808, 14.2942



11.6683, 12.3605, 37.7271



0.6738, 0.7814, 1.9702

Previews

White Background



This preview shows how the XYZ color 52.0799, 53.5179, 52.3848 looks on a white background.

Color Contrast Check

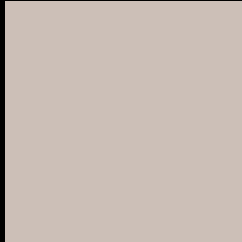
Large Text (above 18pt) WCAG AA × Fail

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 52.0799, 53.5179, 52.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

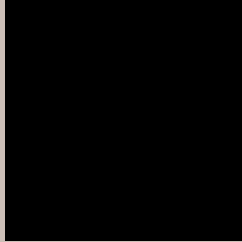
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

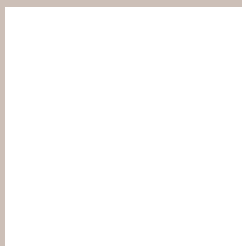
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0799, 53.5179, 52.3848

Background



This preview shows how black text looks on a background with the XYZ color 52.0799, 53.5179, 52.3848.

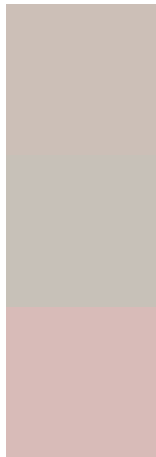


This preview shows how white text looks on a background with the XYZ color 52.0799, 53.5179,

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

52.0799, 53.5179, 52.3848

Protanopia

51.2749, 53.7427, 53.0183

Deuteranopia

54.7410, 53.6003, 52.8081



Tritanopia

54.4948, 53.5436, 63.9627

Trichromacy



Original Color

52.0799, 53.5179, 52.3848

Protanomaly

51.5888, 53.5775, 52.9699

Deuteranomaly

53.7863, 53.4242, 52.8245

Tritanomaly

53.6150, 53.5025, 59.7258

Monochromacy



Original Color

52.0799, 53.5179, 52.3848

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6529, 53.8634, 56.3895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0799, 53.5179, 52.3848 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(204, 191, 183) looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 183)  
}
```

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(204, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.0799, 53.5179, 52.3848 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(204, 191, 183) }
```


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

```
.border{ border-color:rgb(204, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0799, 53.5179, 52.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 183) }
```

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

```
.background{ background-color: rgb(204,  
191, 183) }
```

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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