

Converting Colors

XYZ(50.6586, 52.9470, 51.3839)

Have a look what the booklet for
XYZ(50.6586, 52.9470, 51.3839)
contains.

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Color

**XYZ(50.5245, 52.7399,
51.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BFB5
RGB	199, 191, 181
RGB Percent	78%, 75%, 71%
CMY	0.2196, 0.2510, 0.2902
CMYK	0.00, 0.04, 0.09, 0.22
HSL	33°, 14%, 75%
HSV	33°, 9%, 78%
XYZ	50.5245, 52.7399, 51.2330
YIQ	192.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

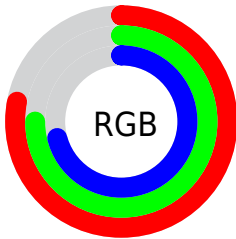
Format	Color
RYB	195, 199, 181
Decimal	13090741
CIELab	77.72, 1.06, 6.03
CIELCh	78, 6.123, 80.001
Yxy	52.7399, 0.3270, 0.3414
Android (android.graphics.Color)	4291280821 (0xFFC7BFB5)
YUV	192.2520, -5.5472, 5.9180
Hunter-Lab	72.6222, -2.9035, 9.0081

Details

The XYZ color **50.5245, 52.7399, 51.2330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5624, 50.3417, 61.2436**, and the grayscale version is **50.2795, 52.8979, 57.6059**.

A 20% lighter version of the original color is **89.7868, 93.8960, 93.5122**, and **24.6618, 25.7552, 24.0935** is the 20% darker color. If you saturate the color by 10%, you get **46.7570, 48.2423, 40.6124**, and if you desaturate by 10%, it is **54.7030, 57.5916, 63.4308**.

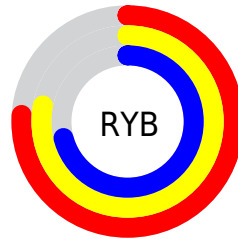
Distribution



Red (78%)

Green (75%)

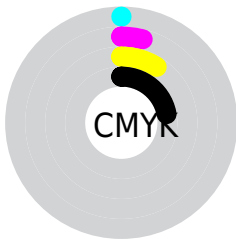
Blue (71%)



Red (76%)

Yellow (78%)

Blue (71%)

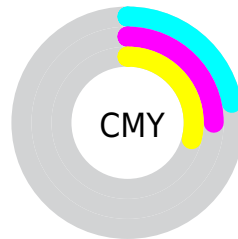


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5245, 52.7399, 51.2330 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 50.5245, 52.7399, 51.2330 by changing the saturation by 10% instead.

■ 50.5245, 52.7399,
51.2330

■ 50.5245, 52.7399,
51.2330

379.1317,
397.2864, 408.3407

■ 36.0498, 37.5952,
36.0161

■ 90.1387, 94.2215,
93.4141

■ 24.6430, 25.6686,
24.1568

116.0089,
121.3272, 121.2154

■ 15.9386, 16.5759,
15.2367

146.4084,
153.1887, 154.0485

■ 9.5713, 9.9326,
8.8372

181.7025,
190.1903, 192.3320

■ 5.1757, 5.3543,
4.5398

222.2565,
232.7165, 236.4844

■ 2.3865, 2.4566,
1.9259

268.4358,

■ 0.8384, 0.8548,

281.1517, 286.9243

0.5091

320.6057,
335.8802, 344.0703

■ 0.0000, 0.0000,
0.0000

■ 50.5245, 52.7399,
51.2330

■ 50.5245, 52.7399,
51.2330

■ 46.7570, 48.2423,
40.6124

■ 54.7030, 57.5916,
63.4308

■ 43.3819, 44.0828,
31.5003

■ 59.3017, 62.7991,
77.2641

■ 40.3852, 40.2543,
23.8275

■ 64.3349, 68.3729,
92.7922

■ 37.7507, 36.7469,
17.5184

■ 68.8997, 73.9548,
105.2510

■ 35.4605, 33.5498,
12.4902

■ 71.3713, 78.8979,
106.0749

■ 33.4950, 30.6516,
8.6512

■ 73.9686, 84.0926,
106.9407

■ 31.8322, 28.0397,
5.8970

■ 76.6936, 89.5425,
107.8490

■ 30.4466, 25.6999,
4.1049

■ 77.3635, 90.8823,
108.0723

■ 29.2964, 23.6115,
3.0680

Harmonies

Analogous

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



51.6071, 52.7399, 52.5678



50.5245, 52.7399, 51.2330



49.3521, 52.7399, 51.5065

Triad

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



50.5245, 52.7399, 51.2330



48.0162, 52.7399, 59.6866



51.8941, 52.7399, 61.7237

Complementary

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



50.5245, 52.7399, 51.2330



47.5624, 50.3417, 61.2436

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.



50.9114, 52.7399, 63.7799



50.5245, 52.7399, 51.2330



48.6768, 52.7399, 62.5720

Square

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



50.5245, 52.7399, 51.2330



47.9163, 52.7399, 56.2988



49.7330, 52.7399, 64.0964



52.4061, 52.7399, 58.5657

Rectangle

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



50.5245, 52.7399, 51.2330



48.6768, 52.7399, 52.5680



49.7330, 52.7399, 64.0964



51.6072, 52.7399, 62.5719

Sweetspot

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



50.5260, 52.7422, 51.2341



92.7680, 97.3678, 102.1836



49.2740, 48.8691, 55.0375



19.7281, 20.6922, 21.4968



0.0000, 0.0000, 0.0000



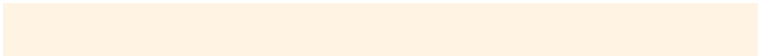
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5260, 52.7422, 51.2341



87.0110, 90.6288, 85.5440



52.0797, 56.2031, 51.8203



11.1144, 11.5980, 11.2156



18.8606, 15.2385, 1.9473



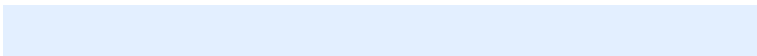
0.9645, 0.8644, 0.1160

Inverse Universe

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



47.5624, 50.3417, 61.2436



80.6998, 85.5168, 106.8608



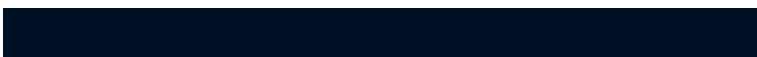
46.1012, 47.1050, 60.6958



10.4380, 11.0501, 13.5002



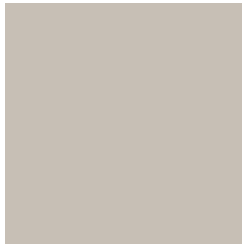
8.9787, 7.3513, 35.6901



0.4971, 0.4920, 1.7139

Previews

White Background



This preview shows how the XYZ color 50.5245, 52.7399, 51.2330 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 50.5245, 52.7399, 51.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

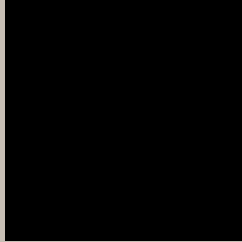
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

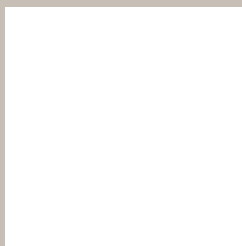
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5245, 52.7399, 51.2330

Background



This preview shows how black text looks on a background with the XYZ color 50.5245, 52.7399, 51.2330.

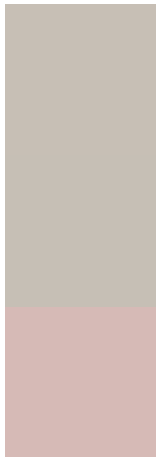


This preview shows how white text looks on a background with the XYZ color 50.5245, 52.7399,

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

50.5245, 52.7399, 51.2330

Protanopia

50.2600, 52.6036, 51.2206

Deuteranopia

53.7340, 52.7914, 51.6136



Tritanopia

53.1198, 52.8348, 63.8983

Trichromacy



Original Color

50.5245, 52.7399, 51.2330

Protanomaly

50.2600, 52.6036, 51.2206

Deuteranomaly

52.7212, 52.8991, 51.6878

Tritanomaly

52.1353, 52.7528, 59.0642

Monochromacy



Original Color

50.5245, 52.7399, 51.2330

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4324, 52.9322, 55.1358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5245, 52.7399, 51.2330 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(199, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 181)  
}
```

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(199, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.5245, 52.7399, 51.2330 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(199, 191, 181) }
```


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

```
.border{ border-color:rgb(199, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 191,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5245, 52.7399, 51.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 181) }
```

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

```
.background{ background-color: rgb(199,  
191, 181) }
```

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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