

Converting Colors

XYZ(50.2688, 52.3206, 49.5689)

Have a look what the booklet for
XYZ(50.2688, 52.3206, 49.5689)
contains.

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Color

**XYZ(50.2688, 52.3206,
49.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BEB2
RGB	200, 190, 178
RGB Percent	78%, 75%, 70%
CMY	0.2157, 0.2549, 0.3020
CMYK	0.00, 0.05, 0.11, 0.22
HSL	33°, 17%, 74%
HSV	33°, 11%, 78%
XYZ	50.2688, 52.3206, 49.5689
YIQ	191.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

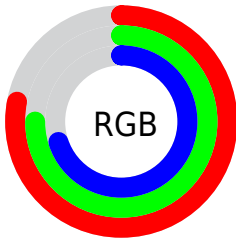
Format	Color
RYB	196, 200, 178
Decimal	13156018
CIELab	77.47, 1.45, 7.30
CIElCh	77, 7.446, 78.755
Yxy	52.3206, 0.3304, 0.3439
Android (android.graphics.Color)	4291346098 (0xFFC8BEB2)
YUV	191.6220, -6.7156, 7.3475
Hunter-Lab	72.3330, -2.5317, 10.0024

Details

The XYZ color **50.2688, 52.3206, 49.5689** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7686, 49.6008, 61.7532**, and the grayscale version is **49.9177, 52.5173, 57.1913**.

A 20% lighter version of the original color is **89.0471, 93.1120, 91.1210**, and **24.5014, 25.4830, 23.0294** is the 20% darker color. If you saturate the color by 10%, you get **46.4984, 47.7622, 39.1166**, and if you desaturate by 10%, it is **54.4577, 57.2463, 61.6064**.

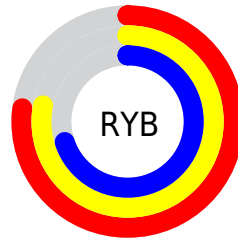
Distribution



Red (78%)

Green (75%)

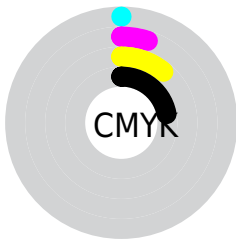
Blue (70%)



Red (77%)

Yellow (78%)

Blue (70%)

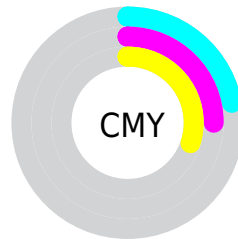


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2688, 52.3206, 49.5689 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 50.2688, 52.3206, 49.5689 by changing the saturation by 10% instead.

■ 50.2688, 52.3206,
49.5689

■ 50.2688, 52.3206,
49.5689

378.1508,
395.6731, 401.6643

■ 35.8457, 37.2607,
34.7022

■ 89.7625, 93.6039,
90.9255

■ 24.4846, 25.4094,
23.1519

115.5637,
120.5960, 118.2525

■ 15.8202, 16.3823,
14.4993

145.8884,
152.3344, 150.5701

■ 9.4870, 9.7951,
8.3261

181.1019,
189.2034, 188.2966

■ 5.1198, 5.2633,
4.2135

221.5695,
231.5873, 231.8508

■ 2.3532, 2.4026,
1.7432

267.6567,

■ 0.8217, 0.8272,

279.8706, 281.6511

0.3901

319.7286,
334.4378, 338.1161

■ 0.0000, 0.0000,
0.0000

■ 50.2688, 52.3206,
49.5689

■ 50.2688, 52.3206,
49.5689

■ 46.4984, 47.7622,
39.1166

■ 54.4577, 57.2463,
61.6064

■ 43.1273, 43.5546,
30.1790

■ 59.0747, 62.5413,
75.2889

■ 40.1411, 39.6902,
22.6852

■ 64.1346, 68.2167,
90.6771

■ 37.5229, 36.1584,
16.5571

■ 69.1630, 74.0860,
105.2625

■ 35.2541, 32.9480,
11.7094

■ 71.7052, 79.1706,
106.1099

■ 33.3143, 30.0467,
8.0468

■ 74.3806, 84.5212,
107.0017

■ 31.6804, 27.4412,
5.4607

■ 77.1908, 90.1417,
107.9384

■ 30.3255, 25.1164,
3.8219

■ 77.6297, 91.0195,
108.0847

■ 29.3015, 23.2431,
2.9420

Harmonies

Analogous

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



51.5692, 52.3206, 51.2347



50.2688, 52.3206, 49.5689



48.8479, 52.3206, 49.8133

Triad

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



50.2688, 52.3206, 49.5689



47.1637, 52.3206, 59.5450



51.8313, 52.3206, 62.3346

Complementary

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



50.2688, 52.3206, 49.5689



46.7686, 49.6008, 61.7532

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.



50.6209, 52.3206, 64.7775



50.2688, 52.3206, 49.5689



47.9334, 52.3206, 63.1143

Square

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



50.2688, 52.3206, 49.5689



47.0735, 52.3206, 55.4421



49.1934, 52.3206, 65.0696



52.4828, 52.3206, 58.5221

Rectangle

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



50.2688, 52.3206, 49.5689



48.0230, 52.3206, 51.0294



49.1934, 52.3206, 65.0696



51.4752, 52.3206, 63.3509

Sweetspot

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



50.2702, 52.3229, 49.5700



92.7437, 97.3192, 102.1755



48.8464, 47.7633, 54.3733



19.7215, 20.6791, 21.4946



0.0000, 0.0000, 0.0000



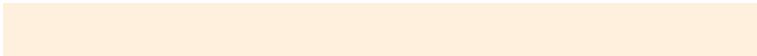
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2702, 52.3229, 49.5700



85.5463, 88.8090, 81.6350



52.3149, 56.7023, 50.3076



11.1054, 11.5799, 11.2126



18.7213, 14.9598, 1.9008



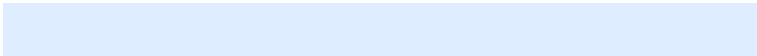
0.9582, 0.8518, 0.1139

Inverse Universe

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



46.7686, 49.6008, 61.7532



78.3873, 83.2439, 106.5440



44.8753, 45.5637, 61.0738



10.4470, 11.0681, 13.5032



9.0880, 7.5699, 35.7265



0.5025, 0.5027, 1.7157

Previews

White Background



This preview shows how the XYZ color 50.2688, 52.3206, 49.5689 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 50.2688, 52.3206, 49.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

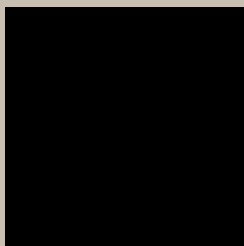
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

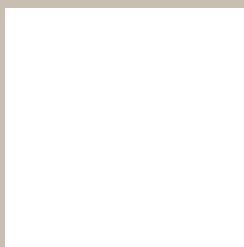
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2688, 52.3206, 49.5689

Background



This preview shows how black text looks on a background with the XYZ color 50.2688, 52.3206, 49.5689.

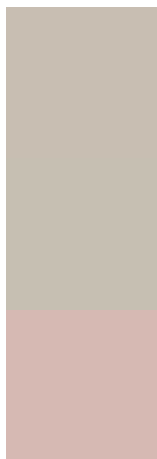


This preview shows how white text looks on a background with the XYZ color 50.2688, 52.3206,

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

50.2688, 52.3206, 49.5689

Protanopia

49.9554, 52.4817, 49.6165

Deuteranopia

53.2172, 52.2487, 49.9280



Tritanopia

52.9415, 52.4542, 62.5927

Trichromacy



Original Color

50.2688, 52.3206, 49.5689

Protanomaly

50.2199, 52.6181, 49.6289

Deuteranomaly

52.2015, 52.3506, 50.0012

Tritanomaly

51.9660, 52.3733, 57.8222

Monochromacy



Original Color

50.2688, 52.3206, 49.5689

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1061, 52.4516, 54.4970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2688, 52.3206, 49.5689 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(200, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(200, 190, 178)  
}
```

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(200, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 190, 178) }
```

Border

The CSS property to change the border of an element to XYZ 50.2688, 52.3206, 49.5689 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(200, 190, 178) }
```


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

```
.border{ border-color:rgb(200, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(200, 190,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2688, 52.3206, 49.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 190, 178) }
```

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

```
.background{ background-color: rgb(200,  
190, 178) }
```

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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