

Converting Colors

XYZ(41.7198, 45.3820, 36.2665)

Have a look what the booklet for
XYZ(41.7198, 45.3820, 36.2665)
contains.

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Color

**XYZ(41.7198, 45.3820,
36.2665)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B598
RGB	183, 181, 152
RGB Percent	72%, 71%, 60%
CMY	0.2824, 0.2902, 0.4039
CMYK	0.00, 0.01, 0.17, 0.28
HSL	56°, 18%, 66%
HSV	56°, 17%, 72%
XYZ	41.7198, 45.3820, 36.2665
YIQ	178.2920, 10.5010, -8.5950

Conversions

Conversions Part 2

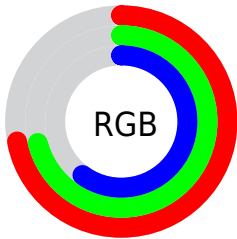
Format	Color
RYB	154, 183, 152
Decimal	12039576
CIELab	73.14, -4.25, 15.06
CIELCh	73, 15.645, 105.750
Yxy	45.3820, 0.3382, 0.3679
Android (android.graphics.Color)	4290229656 (0xFFB7B598)
YUV	178.2920, -12.9620, 4.1289
Hunter-Lab	67.3662, -7.3459, 15.2376

Details

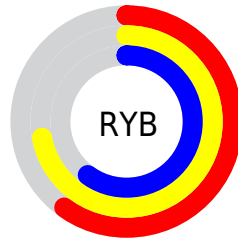
The XYZ color **41.7198, 45.3820, 36.2665** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.0517, 33.2049, 49.4672**, and the grayscale version is **42.5352, 44.7503, 48.7331**.

A 20% lighter version of the original color is **77.0214, 83.3753, 70.4261**, and **19.2741, 21.1238, 15.3734** is the 20% darker color. If you saturate the color by 10%, you get **40.0971, 44.3527, 28.8928**, and if you desaturate by 10%, it is **43.5783, 46.5119, 44.8608**.

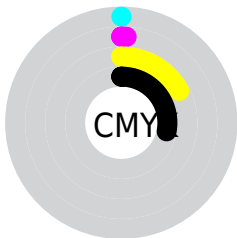
Distribution



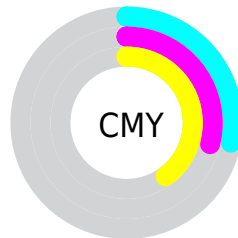
- Red (72%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7198, 45.3820, 36.2665 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 41.7198, 45.3820, 36.2665 by changing the saturation by 10% instead.

■ 41.7198, 45.3820,
36.2665

■ 41.7198, 45.3820,
36.2665

344.3315,
368.3185, 345.1964

■ 29.0721, 31.7584,
24.3488

■ 77.0432, 83.2933,
70.6169

■ 19.2799, 21.1770,
15.3779

■ 100.4496,
108.3499, 93.8866

■ 11.9779, 13.2535,
8.9355

128.1730,
137.9862, 121.7774

■ 6.8007, 7.6033,
4.6029

160.5787,
172.5868, 154.7078

■ 3.3830, 3.8422,
1.9616

198.0320,
212.5358, 193.0964

■ 1.3594, 1.5857,
0.5315

240.8983,

■ 0.2270, 0.3479,

258.2179, 237.3616

0.0000

289.5431,
310.0173, 287.9222

■ 0.0000, 0.0000,
0.0000

■ 41.7198, 45.3820,
36.2665

■ 41.7198, 45.3820,
36.2665

■ 40.0971, 44.3527,
28.8928

■ 43.5783, 46.5119,
44.8608

■ 38.6959, 43.4137,
22.6812

■ 45.6788, 47.7404,
54.7250

■ 37.5060, 42.5624,
17.5726

■ 48.0318, 49.0731,
65.9090

■ 36.5151, 41.7940,
13.5018

■ 50.6463, 50.5137,
78.4593

■ 35.7095, 41.1028,
10.3963

■ 53.5305, 52.0654,
92.4202

■ 35.0735, 40.4828,
8.1748

■ 55.5777, 53.2857,
101.9636

■ 34.5893, 39.9266,
6.7423

■ 55.8306, 53.7915,
102.0479

■ 34.2316, 39.4242,
5.9663

■ 56.0856, 54.3014,
102.1329

■ 34.1326, 39.2753,
5.7819

■ 56.3426, 54.8154,
102.2186

Harmonies

Analogous

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



44.4442, 45.3820, 36.1834



41.7198, 45.3820, 36.2665



39.4691, 45.3820, 39.6140

Triad

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



41.7198, 45.3820, 36.2665



39.5611, 45.3820, 61.0293



48.4452, 45.3820, 53.2215

Complementary

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



41.7198, 45.3820, 36.2665



33.0517, 33.2049, 49.4672

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.



47.0195, 45.3820, 60.7084



41.7198, 45.3820, 36.2665



41.8502, 45.3820, 65.5291

Square

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



41.7198, 45.3820, 36.2665



38.2593, 45.3820, 53.6234



44.5803, 45.3820, 65.4058



48.4066, 45.3820, 45.4295

Rectangle

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



41.7198, 45.3820, 36.2665



38.5064, 45.3820, 43.4711



44.5803, 45.3820, 65.4058



48.1187, 45.3820, 55.8737

Sweetspot

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



41.7210, 45.3840, 36.2675



78.7126, 83.6963, 83.4500



36.5955, 34.8597, 35.4014



17.3294, 18.4529, 18.1707



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.7210, 45.3840, 36.2675



73.6890, 80.6361, 60.2354



39.0855, 44.6322, 36.2613



9.6993, 10.4016, 9.6034



23.8306, 27.4375, 4.0400



0.8551, 0.9972, 0.1474

Inverse Universe

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



33.0517, 33.2049, 49.4672



55.4934, 55.0744, 87.9413



35.3834, 33.9219, 49.4827



8.5663, 8.8098, 11.3284



6.0714, 2.6025, 31.4354



0.2298, 0.1233, 1.1134

Previews

White Background



This preview shows how the XYZ color 41.7198, 45.3820, 36.2665 looks on a white background.

Color Contrast Check

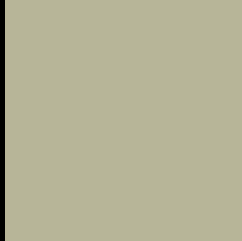
Large Text (above 18pt) WCAG AA × Fail

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 41.7198, 45.3820, 36.2665 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 41.7198, 45.3820, 36.2665

Background



This preview shows how black text looks on a background with the XYZ color 41.7198, 45.3820, 36.2665.



This preview shows how white text looks on a background with the XYZ color 41.7198, 45.3820,

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

41.7198, 45.3820, 36.2665

Protanopia

42.6923, 45.2934, 35.7705

Deuteranopia

46.2299, 45.3420, 36.8872



Tritanopia

45.5586, 45.4597, 55.0886

Trichromacy



Original Color

41.7198, 45.3820, 36.2665

Protanomaly

42.4007, 45.4417, 35.8145

Deuteranomaly

44.5638, 45.3563, 36.5429

Tritanomaly

44.0066, 45.4145, 47.5208

Monochromacy



Original Color

41.7198, 45.3820, 36.2665

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.1039, 44.8081, 43.9658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7198, 45.3820, 36.2665 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(183, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 181, 152)  
}
```

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(183, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 181, 152) }
```

Border

The CSS property to change the border of an element to XYZ 41.7198, 45.3820, 36.2665 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(183, 181, 152) }
```


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

```
.border{ border-color:rgb(183, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 181,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7198, 45.3820, 36.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 181, 152) }
```

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

```
.background{ background-color: rgb(183,  
181, 152) }
```

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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