

Converting Colors

XYZ(46.7800, 48.0284, 52.5425)

Have a look what the booklet for
XYZ(46.7800, 48.0284, 52.5425)
contains.

XYZ(46.7201, 47.9058, 52.6833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.7201, 47.9058,
52.6833)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB6B9
RGB	190, 182, 185
RGB Percent	75%, 71%, 73%
CMY	0.2549, 0.2863, 0.2745
CMYK	0.00, 0.04, 0.03, 0.25
HSL	338°, 6%, 73%
HSV	338°, 4%, 75%
XYZ	46.7201, 47.9058, 52.6833
YIQ	184.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

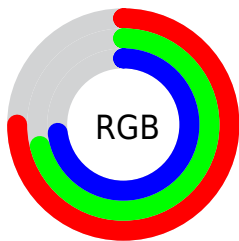
Format	Color
RYB	190, 182, 185
Decimal	12498617
CIELab	74.77, 3.37, -0.52
CIELCh	75, 3.411, 351.225
Yxy	47.9058, 0.3172, 0.3252
Android (android.graphics.Color)	4290688697 (0xFFBEB6B9)
YUV	184.7340, 0.1311, 4.6183
Hunter-Lab	69.2140, -0.6354, 3.3203

Details

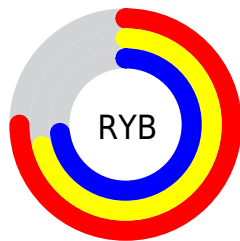
The XYZ color **46.7201, 47.9058, 52.6833** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6763, 50.3611, 54.2767**, and the grayscale version is **45.9652, 48.3590, 52.6630**.

A 20% lighter version of the original color is **84.4578, 87.0928, 95.5783**, and **22.3316, 22.6848, 25.0314** is the 20% darker color. If you saturate the color by 10%, you get **41.8881, 40.1651, 45.1418**, and if you desaturate by 10%, it is **52.1876, 56.7485, 60.9548**.

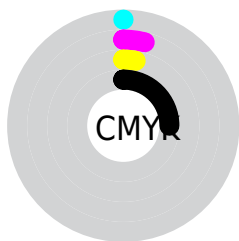
Distribution



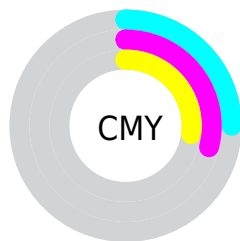
- Red (75%)
- Green (71%)
- Blue (73%)



- Red (75%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7201, 47.9058, 52.6833 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 46.7201, 47.9058, 52.6833 by changing the saturation by 10% instead.

■ 46.7201, 47.9058,
52.6833

■ 46.7201, 47.9058,
52.6833

364.3638,
378.4186, 414.1007

■ 33.0215, 33.7523,
37.1640

■ 84.5170, 87.0641,
95.5750

■ 22.3022, 22.7034,
25.0377

109.3459,
112.8378, 123.7845

■ 14.1970, 14.3746,
15.8859

138.6156,
143.2535, 157.0612

■ 8.3404, 8.3817,
9.2900

172.6915,
178.6959, 195.8235

■ 4.3672, 4.3401,
4.8314

211.9389,
219.5491, 240.4901

■ 1.9119, 1.8656,
2.0917

256.7232,

■ 0.5837, 0.5276,

266.1978, 291.4795

0.6108

307.4097,
319.0261, 349.2101

■ 0.0000, 0.0000,
0.0000

■ 46.7201, 47.9058,
52.6833

■ 46.7201, 47.9058,
52.6833

■ 41.8881, 40.1651,
45.1418

■ 52.1876, 56.7485,
60.9548

■ 37.6638, 33.4769,
38.3069

■ 58.3089, 66.7278,
69.9728

■ 34.0234, 27.7971,
32.1579

■ 65.1066, 77.8844,
79.7572

■ 30.9400, 23.0762,
26.6724

■ 71.6349, 88.3231,
90.0041

■ 28.3843, 19.2605,
21.8263

■ 73.3853, 89.0232,
99.2216

■ 26.3244, 16.2906,
17.5942

■ 75.0455, 89.6873,
107.9638

■ 24.7245, 14.1005,
13.9484

■ 23.5438, 12.6136,
10.8587

■ 22.7334, 11.7380,
8.2912

Harmonies

Analogous

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



46.4677, 47.9058, 54.3264



46.7201, 47.9058, 52.6833



46.6521, 47.9058, 50.9363

Triad

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



46.7201, 47.9058, 52.6833



45.1033, 47.9058, 49.0463



44.7913, 47.9058, 54.8656

Complementary

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



46.7201, 47.9058, 52.6833



46.6763, 50.3611, 54.2767

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.



44.4320, 47.9058, 53.4057



46.7201, 47.9058, 52.6833



44.6109, 47.9058, 50.0544

Square

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



46.7201, 47.9058, 52.6833



45.7149, 47.9058, 48.8628



44.3662, 47.9058, 51.6427



45.3516, 47.9058, 55.6050

Rectangle

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



46.7201, 47.9058, 52.6833



46.4346, 47.9058, 49.9458



44.3662, 47.9058, 51.6427



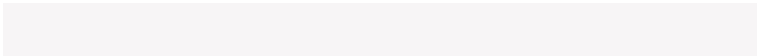
44.6432, 47.9058, 54.4413

Sweetspot

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



46.7215, 47.9079, 52.6843



87.7008, 91.7097, 100.1101



46.5011, 47.7322, 55.4782



19.2691, 20.1561, 21.9997



92.9021, 97.7402, 106.4391



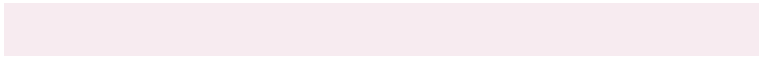
19.4759, 20.4902, 22.3138

Same Dimension

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



46.7215, 47.9079, 52.6843



83.8560, 85.5130, 94.2263



46.6000, 48.1661, 51.0993



10.0788, 10.2434, 11.3007



14.9161, 7.5976, 4.8520



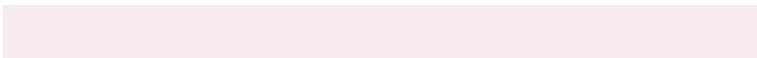
0.6163, 0.3104, 0.3584

Inverse Universe

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



46.7215, 47.9079, 52.6843



83.8560, 85.5130, 94.2263



46.7991, 50.0879, 55.9172



10.0788, 10.2434, 11.3007



14.9161, 7.5976, 4.8520



0.6163, 0.3104, 0.3584

Previews

White Background



This preview shows how the XYZ color 46.7201, 47.9058, 52.6833 looks on a white background.

Color Contrast Check

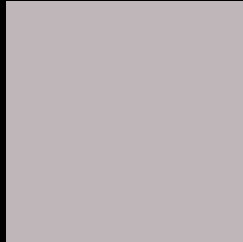
Large Text (above 18pt) WCAG AA × Fail

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 46.7201, 47.9058, 52.6833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

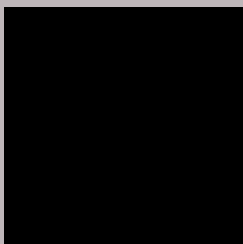
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

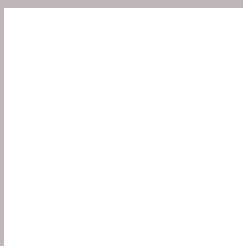
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7201, 47.9058, 52.6833

Background



This preview shows how black text looks on a background with the XYZ color 46.7201, 47.9058, 52.6833.

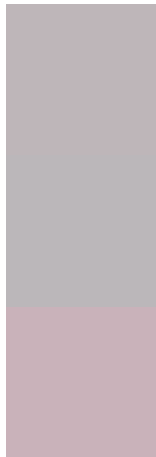


This preview shows how white text looks on a background with the XYZ color 46.7201, 47.9058,

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

46.7201, 47.9058, 52.6833

Protanopia

46.2899, 47.9769, 53.2751

Deuteranopia

48.8707, 47.8035, 53.1056



Tritanopia

47.6574, 47.6590, 58.3171

Trichromacy



Original Color

46.7201, 47.9058, 52.6833

Protanomaly

46.5355, 48.1035, 53.2866

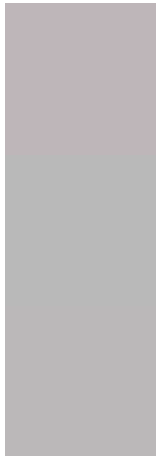
Deuteranomaly

48.0090, 47.6557, 53.1225

Tritanomaly

47.4137, 47.8857, 56.0341

Monochromacy



Original Color

46.7201, 47.9058, 52.6833

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.3910, 48.3486, 52.7861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7201, 47.9058, 52.6833 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(190, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 185)  
}
```

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(190, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 185) }
```

Border

The CSS property to change the border of an element to XYZ 46.7201, 47.9058, 52.6833 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(190, 182, 185) }
```


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

```
.border{ border-color:rgb(190, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7201, 47.9058, 52.6833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 185) }
```

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

```
.background{ background-color: rgb(190,  
182, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor