

Converting Colors

XYZ(46.4216, 46.8811, 48.8407)

Have a look what the booklet for
XYZ(46.4216, 46.8811, 48.8407)
contains.

XYZ(46.4041, 46.9239, 48.7309)	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(46.4041, 46.9239,
48.7309)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B3B2
RGB	194, 179, 178
RGB Percent	76%, 70%, 70%
CMY	0.2392, 0.2980, 0.3020
CMYK	0.00, 0.08, 0.08, 0.24
HSL	4°, 12%, 73%
HSV	4°, 8%, 76%
XYZ	46.4041, 46.9239, 48.7309
YIQ	183.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

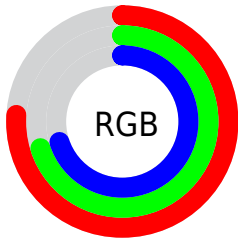
Format	Color
RYB	194, 179, 178
Decimal	12759986
CIELab	74.14, 5.17, 2.43
CIELCh	74, 5.714, 25.191
Yxy	46.9239, 0.3267, 0.3303
Android (android.graphics.Color)	4290950066 (0xFFC2B3B2)
YUV	183.3710, -2.6479, 9.3216
Hunter-Lab	68.5010, 1.0430, 5.7724

Details

The XYZ color **46.4041, 46.9239, 48.7309** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1674, 51.4989, 58.4937**, and the grayscale version is **45.2250, 47.5803, 51.8149**.

A 20% lighter version of the original color is **84.3433, 85.8664, 89.9704**, and **21.9777, 21.9778, 22.4858** is the 20% darker color. If you saturate the color by 10%, you get **41.1855, 39.3862, 38.0513**, and if you desaturate by 10%, it is **52.3814, 55.5370, 61.0237**.

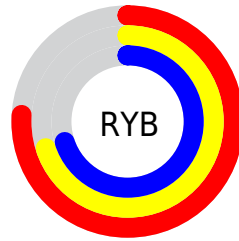
Distribution



Red (76%)

Green (70%)

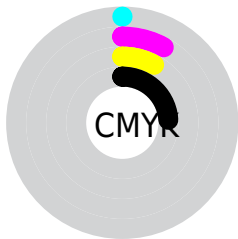
Blue (70%)



Red (76%)

Yellow (70%)

Blue (70%)

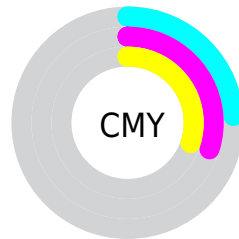


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (30%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4041, 46.9239, 48.7309 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 46.4041, 46.9239, 48.7309 by changing the saturation by 10% instead.


 46.4041, 46.9239,
48.7309

 46.4041, 46.9239,
48.7309


363.1197,
374.5107, 398.2739

 32.7708, 32.9755,
34.0420


 84.0476, 85.6000,
89.6685

 22.1093, 22.1077,
22.6482


108.7885,
111.0965, 116.7542

 14.0543, 13.9360,
14.1311


137.9627,
141.2112, 148.8093

 8.2404, 8.0762,
8.0721

171.9355,
176.3284, 186.2523

 4.3022, 4.1437,
4.0527

211.0722,
216.8326, 229.5017

 1.8745, 1.7543,
1.6543

255.7382,

 0.5620, 0.4584,

263.1081, 278.9761

0.3291

306.2989,
315.5393, 335.0940

■ 0.0000, 0.0000,
0.0000

■ 46.4041, 46.9239,
48.7309

■ 46.4041, 46.9239,
48.7309

■ 41.1855, 39.3862,
38.0513

■ 52.3814, 55.5370,
61.0237

■ 36.6915, 32.8759,
28.9150

■ 59.1420, 65.2590,
74.9894

■ 32.8913, 27.3503,
21.2516

■ 66.7141, 76.1296,
90.6887

■ 29.7502, 22.7615,
14.9840

■ 75.0264, 88.1456,
107.6672

■ 27.2306, 19.0575,
10.0280

■ 76.0584, 90.2094,
108.0112

■ 25.2912, 16.1814,
6.2905

■ 23.8855, 14.0693,
3.6661

■ 22.9599, 12.6484,
2.0314

■ 22.4429, 11.8287,
1.1979

Harmonies

Analogous

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



46.5894, 46.9239, 51.5660



46.4041, 46.9239, 48.7309



45.7324, 46.9239, 46.6035

Triad

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



46.4041, 46.9239, 48.7309



43.0036, 46.9239, 47.9423



44.4350, 46.9239, 56.9158

Complementary

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



46.4041, 46.9239, 48.7309



47.1674, 51.4989, 58.4937

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.



43.4859, 46.9239, 55.8601



46.4041, 46.9239, 48.7309



42.6676, 46.9239, 50.6212

Square

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



46.4041, 46.9239, 48.7309



43.7675, 46.9239, 46.1606



42.8428, 46.9239, 53.5285



45.4425, 46.9239, 56.3630

Rectangle

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



46.4041, 46.9239, 48.7309



45.1046, 46.9239, 45.8354



42.8428, 46.9239, 53.5285



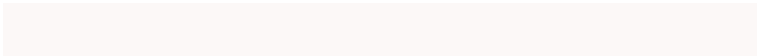
44.0987, 46.9239, 56.7362

Sweetspot

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



46.4054, 46.9260, 48.7319



90.6392, 94.4811, 101.7800



47.8171, 47.1699, 57.1541



19.8731, 20.7250, 22.3382



0.0000, 0.0000, 0.0000



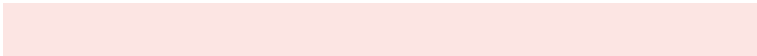
20.3446, 21.4041, 23.3091

Same Dimension

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



46.4054, 46.9260, 48.7319



82.1623, 82.2586, 84.3686



48.0125, 50.1401, 49.2676



10.1228, 10.1770, 10.4927



14.7369, 7.7595, 0.7210



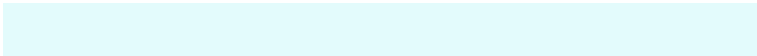
0.6546, 0.3710, 0.0371

Inverse Universe

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



47.1674, 51.4989, 58.4937



83.8409, 92.3321, 105.8728



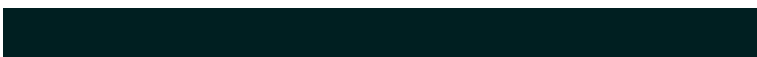
45.4891, 48.1423, 57.9343



10.3127, 11.3167, 12.9256



17.4003, 24.5570, 37.3795



0.7685, 1.0943, 1.6206

Previews

White Background



This preview shows how the XYZ color 46.4041, 46.9239, 48.7309 looks on a white background.

Color Contrast Check

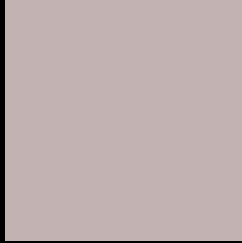
Large Text (above 18pt) WCAG AA × Fail

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 46.4041, 46.9239, 48.7309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

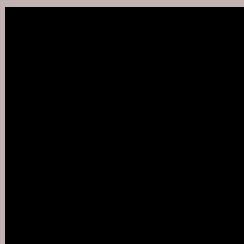
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

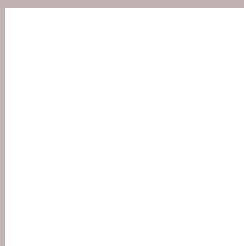
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.4041, 46.9239, 48.7309

Background



This preview shows how black text looks on a background with the XYZ color 46.4041, 46.9239, 48.7309.



This preview shows how white text looks on a background with the XYZ color 46.4041, 46.9239,

48.7309.

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

46.4041, 46.9239, 48.7309

Protanopia

44.9103, 46.7415, 49.3028

Deuteranopia

47.7494, 46.7228, 49.1496



Tritanopia

47.8911, 46.9416, 55.8267

Trichromacy



Original Color

46.4041, 46.9239, 48.7309

Protanomaly

45.4442, 46.7160, 49.2697

Deuteranomaly

47.1475, 46.7047, 49.1778

Tritanomaly

47.2890, 46.9881, 53.0316

Monochromacy



Original Color

46.4041, 46.9239, 48.7309

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5620, 47.3569, 50.4555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4041, 46.9239, 48.7309 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(194, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 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(194, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 178) }
```

Border

The CSS property to change the border of an element to XYZ 46.4041, 46.9239, 48.7309 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(194, 179, 178) }
```


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

```
.border{ border-color:rgb(194, 179, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4041, 46.9239, 48.7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 178) }
```

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

```
.background{ background-color: rgb(194,  
179, 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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