

Converting Colors

XYZ(47.1369, 46.3291, 57.3793)

Have a look what the booklet for
XYZ(47.1369, 46.3291, 57.3793)
contains.

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Color

**XYZ(47.0012, 46.1522,
57.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B0C2
RGB	192, 176, 194
RGB Percent	75%, 69%, 76%
CMY	0.2471, 0.3098, 0.2392
CMYK	0.01, 0.09, 0.00, 0.24
HSL	293°, 13%, 73%
HSV	293°, 9%, 76%
XYZ	47.0012, 46.1522, 57.4700
YIQ	182.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

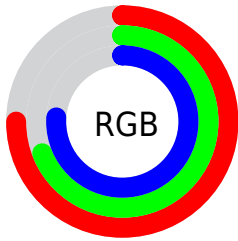
Format	Color
R _Y B	192, 176, 194
Decimal	12628162
CIE Lab	73.64, 8.99, -7.07
CIE LCh	74, 11.441, 321.822
Yxy	46.1522, 0.3120, 0.3064
Android (android.graphics.Color)	4290818242 (0xFFC0B0C2)
YUV	182.8360, 5.5039, 8.0368
Hunter-Lab	67.9354, 4.6085, -2.6016

Details

The XYZ color **47.0012, 46.1522, 57.4700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4901, 51.1844, 48.5586**, and the grayscale version is **44.8904, 47.2282, 51.4315**.

A 20% lighter version of the original color is **84.8233, 84.5718, 102.2958**, and **22.2978, 21.4626, 27.7784** is the 20% darker color. If you saturate the color by 10%, you get **42.9246, 38.8027, 56.2669**, and if you desaturate by 10%, it is **51.6321, 54.5970, 58.8566**.

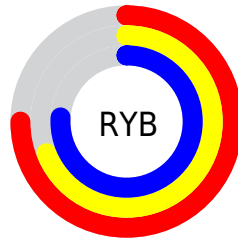
Distribution



Red (75%)

Green (69%)

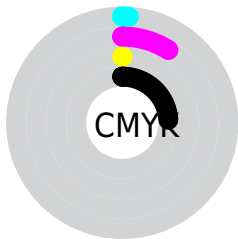
Blue (76%)



Red (75%)

Yellow (69%)

Blue (76%)

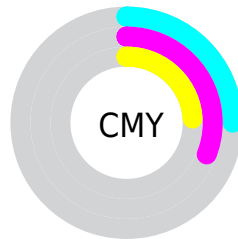


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0012, 46.1522, 57.4700 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 47.0012, 46.1522, 57.4700 by changing the saturation by 10% instead.

■ 47.0012, 46.1522,
57.4700

■ 47.0012, 46.1522,
57.4700

365.4681,
371.4202, 432.7511

■ 33.2446, 32.3659,
40.9708

■ 84.9341, 84.4467,
102.6578

■ 22.4740, 21.6412,
27.9768

109.8412,
109.7238, 132.1835

■ 14.3241, 13.5935,
18.0693

139.1957,
139.5999, 166.8885

■ 8.4297, 7.8385,
10.8298

173.3630,
174.4595, 207.1912

■ 4.4252, 3.9918,
5.8398

212.7086,
214.6869, 253.5103

■ 1.9454, 1.6690,
2.6807

257.5977,

■ 0.6030, 0.4034,

260.6666, 306.2643

0.9337

308.3958,
312.7829, 365.8717

■ 0.0000, 0.0000,
0.0000

■ 47.0012, 46.1522,
57.4700

■ 47.0012, 46.1522,
57.4700

■ 42.9246, 38.8027,
56.2669

■ 51.6321, 54.5970,
58.8566

■ 39.3752, 32.4966,
55.2368

■ 56.8349, 64.1744,
60.4310

■ 36.3298, 27.1867,
54.3724

■ 62.6314, 74.9270,
62.2010

■ 33.7619, 22.8200,
53.6649

■ 69.0409, 86.8938,
64.1730

■ 31.6423, 19.3383,
53.1046

■ 70.0665, 88.0808,
64.3480

■ 29.9388, 16.6771,
52.6807

■ 70.6569, 88.3851,
64.3757

■ 28.6147, 14.7631,
52.3811

■ 71.2555, 88.6937,
64.4037

■ 27.6267, 13.5099,
52.1912

■ 71.8623, 89.0065,
64.4321

■ 26.8982, 12.7642,
52.0857

■ 72.4774, 89.3236,
64.4609

Harmonies

Analogous

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



45.3307, 46.1522, 61.3399



47.0012, 46.1522, 57.4700



47.8374, 46.1522, 51.8560

Triad

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



47.0012, 46.1522, 57.4700



44.4229, 46.1522, 39.9955



40.3475, 46.1522, 54.5154

Complementary

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



47.0012, 46.1522, 57.4700



45.4901, 51.1844, 48.5586

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.



40.1213, 46.1522, 48.6812



47.0012, 46.1522, 57.4700



42.4337, 46.1522, 40.5877

Square

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



47.0012, 46.1522, 57.4700



46.3191, 46.1522, 41.9801



40.8740, 46.1522, 43.6650



41.5016, 46.1522, 59.5447

Rectangle

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



47.0012, 46.1522, 57.4700



47.7918, 46.1522, 48.0001



40.8740, 46.1522, 43.6650



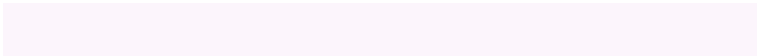
40.1618, 46.1522, 52.5730

Sweetspot

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



47.0025, 46.1542, 57.4710



90.2604, 92.9094, 105.6459



43.5844, 45.0080, 57.4299



19.6147, 20.0698, 23.0900



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.



47.0025, 46.1542, 57.4710



83.6779, 80.9414, 103.6827



46.7553, 46.1142, 53.5079



10.3835, 10.1889, 12.7042



17.6950, 8.3826, 34.2420



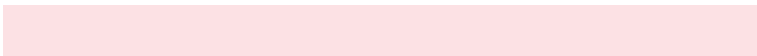
0.7966, 0.3787, 1.4810

Inverse Universe

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



45.8110, 45.7365, 48.5353



81.1181, 80.0459, 84.4038



45.7347, 51.2296, 52.2248



10.1177, 10.0957, 10.7103



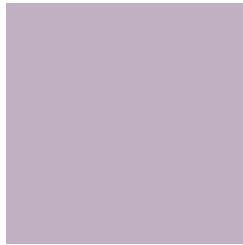
14.7355, 7.5839, 1.2531



0.6522, 0.3339, 0.1359

Previews

White Background



This preview shows how the XYZ color 47.0012, 46.1522, 57.4700 looks on a white background.

Color Contrast Check

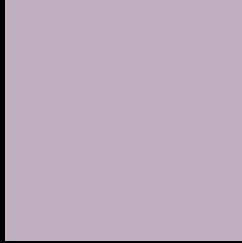
Large Text (above 18pt) WCAG AA × Fail

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 47.0012, 46.1522, 57.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

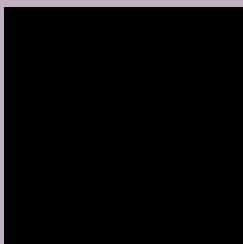
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

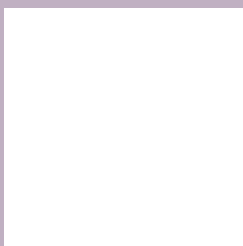
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0012, 46.1522, 57.4700

Background



This preview shows how black text looks on a background with the XYZ color 47.0012, 46.1522, 57.4700.



This preview shows how white text looks on a background with the XYZ color 47.0012, 46.1522,

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

47.0012, 46.1522, 57.4700

Protanopia

45.1075, 46.3313, 58.7900

Deuteranopia

47.2553, 46.2832, 57.4819



Tritanopia

46.5023, 46.2384, 55.1892

Trichromacy



Original Color

47.0012, 46.1522, 57.4700

Protanomaly

45.7376, 46.3707, 58.1696

Deuteranomaly

47.2553, 46.2832, 57.4819

Tritanomaly

46.6120, 46.2822, 55.7669

Monochromacy



Original Color

47.0012, 46.1522, 57.4700

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5406, 46.6695, 53.6216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0012, 46.1522, 57.4700 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(192, 176, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 194)  
}
```

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(192, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.0012, 46.1522, 57.4700 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(192, 176, 194) }
```


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

```
.border{ border-color:rgb(192, 176, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 176, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0012, 46.1522, 57.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 194) }
```

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

```
.background{ background-color: rgb(192,  
176, 194) }
```

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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