

Converting Colors

XYZ(46.5405, 47.2062, 40.7935)

Have a look what the booklet for
XYZ(46.5405, 47.2062, 40.7935)
contains.

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Color

**XYZ(46.4611, 47.1282,
40.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B3A2
RGB	200, 179, 162
RGB Percent	78%, 70%, 64%
CMY	0.2157, 0.2980, 0.3647
CMYK	0.00, 0.10, 0.19, 0.22
HSL	27°, 26%, 71%
HSV	27°, 19%, 78%
XYZ	46.4611, 47.1282, 40.8303
YIQ	183.3410, 17.9730, -0.8350

Conversions

Conversions Part 2

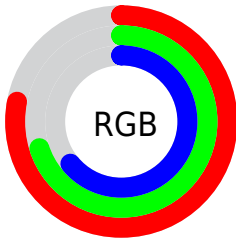
Format	Color
R _Y B	200, 193, 162
Decimal	13153186
CIE Lab	74.27, 4.77, 11.42
CIE LCh	74, 12.373, 67.331
Yxy	47.1282, 0.3456, 0.3506
Android (android.graphics.Color)	4291343266 (0xFFC8B3A2)
YUV	183.3410, -10.5211, 14.6099
Hunter-Lab	68.6500, 0.6682, 12.7916

Details

The XYZ color **46.4611, 47.1282, 40.8303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2588, 45.7174, 61.2410**, and the grayscale version is **45.2471, 47.6034, 51.8401**.

A 20% lighter version of the original color is **83.4727, 85.6864, 77.7853**, and **22.1294, 22.1585, 17.8625** is the 20% darker color. If you saturate the color by 10%, you get **42.6964, 42.2209, 31.4908**, and if you desaturate by 10%, it is **50.6887, 52.5079, 51.7202**.

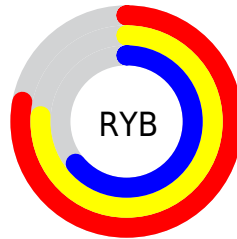
Distribution



Red (78%)

Green (70%)

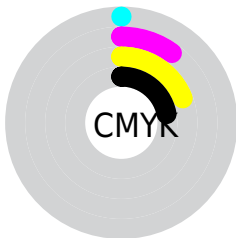
Blue (64%)



Red (78%)

Yellow (76%)

Blue (64%)

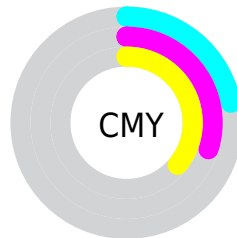


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4611, 47.1282, 40.8303 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 46.4611, 47.1282, 40.8303 by changing the saturation by 10% instead.


 46.4611, 47.1282,
40.8303


 46.4611, 47.1282,
40.8303


363.3443,
375.3260, 365.2665

 32.8160, 33.1370,
27.8678

 84.1323, 85.9050,
77.6771

 22.1441, 22.2314,
17.9879


 108.8891,
111.4593, 102.3985

 14.0800, 14.0270,
10.7719


138.0805,
141.6368, 131.8765

 8.2584, 8.1395,
5.8014

172.0719,
176.8220, 166.5299

 4.3139, 4.1843,
2.6579

211.2286,
217.3990, 206.7770

 1.8812, 1.7772,
0.9221

255.9160,

 0.5659, 0.4729,

263.7525, 253.0364

0.0000

306.4995,
316.2667, 305.7267

■ 0.0000, 0.0000,
0.0000

■ 46.4611, 47.1282,
40.8303

■ 46.4611, 47.1282,
40.8303

■ 42.6964, 42.2209,
31.4908

■ 50.6887, 52.5079,
51.7202

■ 39.3732, 37.7660,
23.6271

■ 55.3918, 58.3665,
64.2244

■ 36.4742, 33.7513,
17.1630

■ 60.5872, 64.7188,
78.4070

■ 33.9791, 30.1616,
12.0138

■ 66.2899, 71.5765,
94.3274

■ 31.8657, 26.9805,
8.0858

■ 71.3658, 78.4920,
105.9968

■ 30.1094, 24.1904,
5.2729

■ 74.6153, 84.9910,
107.0800

■ 28.6815, 21.7717,
3.4498

■ 77.6296, 91.0194,
108.0847

■ 27.5375, 19.6979,
2.4081

■ 27.4333, 19.5068,
2.3193

Harmonies

Analogous

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



48.2783, 47.1282, 44.2454



46.4611, 47.1282, 40.8303



44.2509, 47.1282, 40.1087

Triad

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



46.4611, 47.1282, 40.8303



40.6880, 47.1282, 52.8920



47.4355, 47.1282, 61.6735

Complementary

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



46.4611, 47.1282, 40.8303



42.2588, 45.7174, 61.2410

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.



45.3414, 47.1282, 64.4345



46.4611, 47.1282, 40.8303



41.4814, 47.1282, 59.0993

Square

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



46.4611, 47.1282, 40.8303



40.9655, 47.1282, 46.7410



43.1671, 47.1282, 63.4556



48.8537, 47.1282, 56.1772

Rectangle

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



46.4611, 47.1282, 40.8303



42.8606, 47.1282, 41.1926



43.1671, 47.1282, 63.4556



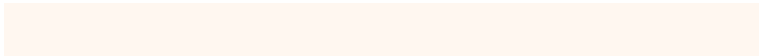
46.7846, 47.1282, 62.9722

Sweetspot

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



46.4624, 47.1303, 40.8313



90.0458, 93.7778, 95.5596



45.3431, 41.5618, 50.7242



19.1609, 19.9314, 20.1565



0.0000, 0.0000, 0.0000



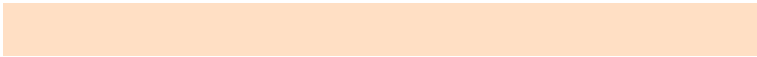
20.3446, 21.4041, 23.3091

Same Dimension

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



46.4624, 47.1303, 40.8313



77.5231, 77.8203, 63.3686



50.4138, 55.0332, 42.1484



11.0181, 11.4053, 11.1835



17.5296, 12.5764, 1.5036



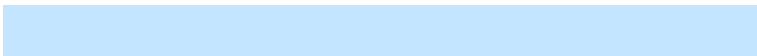
0.9020, 0.7395, 0.0952

Inverse Universe

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



42.2588, 45.7174, 61.2410



68.8579, 74.9063, 105.4369



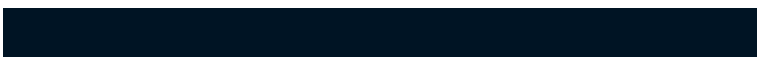
38.6973, 38.5944, 60.0538



10.5344, 11.2428, 13.5323



10.2995, 9.9930, 36.1303



0.5592, 0.6162, 1.7346

Previews

White Background



This preview shows how the XYZ color 46.4611, 47.1282, 40.8303 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 46.4611, 47.1282, 40.8303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

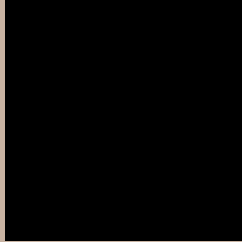
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4611, 47.1282, 40.8303

Background



This preview shows how black text looks on a background with the XYZ color 46.4611, 47.1282, 40.8303.



This preview shows how white text looks on a background with the XYZ color 46.4611, 47.1282,

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

46.4611, 47.1282, 40.8303

Protanopia

44.6640, 47.0834, 41.8559

Deuteranopia

48.1486, 47.1049, 41.2048



Tritanopia

49.1439, 47.0306, 54.6318

Trichromacy



Original Color

46.4611, 47.1282, 40.8303

Protanomaly

45.3829, 47.1614, 41.3615

Deuteranomaly

47.5098, 47.0678, 41.2313

Tritanomaly

48.0191, 46.8619, 49.1622

Monochromacy



Original Color

46.4611, 47.1282, 40.8303

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4521, 47.3699, 47.3052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4611, 47.1282, 40.8303 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, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(200, 179, 162)  
}
```

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, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 179, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.4611, 47.1282, 40.8303 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, 179, 162) }
```


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

```
.border{ border-color:rgb(200, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 179,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4611, 47.1282, 40.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 179, 162) }
```

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

```
.background{ background-color: rgb(200,  
179, 162) }
```

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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