

Converting Colors

XYZ(46.2604, 47.2222, 38.2304)

Have a look what the booklet for
XYZ(46.2604, 47.2222, 38.2304)
contains.

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Color

**XYZ(46.2082, 47.0580,
38.1002)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C9B39C |
| RGB | 201, 179, 156 |
| RGB Percent | 79%, 70%, 61% |
| CMY | 0.2118, 0.2980, 0.3882 |
| CMYK | 0.00, 0.11, 0.22, 0.21 |
| HSL | 31°, 29%, 70% |
| HSV | 31°, 22%, 79% |
| XYZ | 46.2082, 47.0580, 38.1002 |
| YIQ | 182.9560, 20.4950, -2.4890 |

Conversions

Conversions Part 2

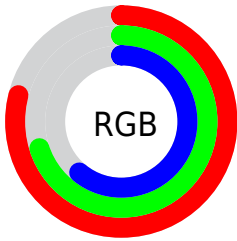
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 201, 156 |
| Decimal | 13218716 |
| CIELab | 74.23, 4.25, 14.63 |
| CIELCh | 74, 15.232, 73.815 |
| Yxy | 47.0580, 0.3518, 0.3582 |
| Android (android.graphics.Color) | 4291408796 (0xFFC9B39C) |
| YUV | 182.9560, -13.2893, 15.8246 |
| Hunter-Lab | 68.5988, 0.1897, 15.0892 |

Details

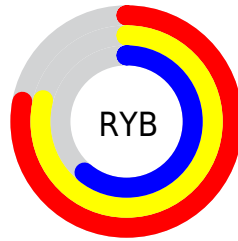
The XYZ color **46.2082, 47.0580, 38.1002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.1730, 43.1246, 61.4650**, and the grayscale version is **45.0493, 47.3954, 51.6136**.

A 20% lighter version of the original color is **82.7062, 85.3798, 73.7489**, and **22.0433, 22.1447, 16.4771** is the 20% darker color. If you saturate the color by 10%, you get **42.7459, 42.6354, 29.2324**, and if you desaturate by 10%, it is **50.0950, 51.8782, 48.5002**.

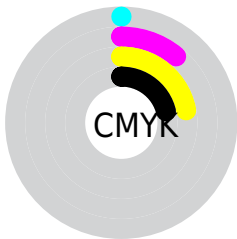
Distribution



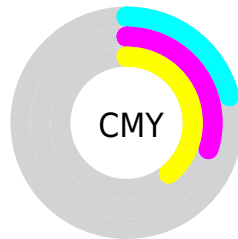
- Red (79%)
- Green (70%)
- Blue (61%)



- Red (78%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2082, 47.0580, 38.1002 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 46.2082, 47.0580, 38.1002 by changing the saturation by 10% instead.


 46.2082, 47.0580,
38.1002

 46.2082, 47.0580,
38.1002


362.3470,
375.0460, 353.3607

 32.6155, 33.0815,
25.7580


 83.7565, 85.8002,
73.4668

 21.9899, 22.1889,
16.4186


 108.4427,
111.3347, 97.3283

 13.9660, 13.9958,
9.6633


137.5575,
141.4906, 125.8667

 8.1786, 8.1177,
5.0736

171.4662,
176.6524, 159.5006

 4.2622, 4.1704,
2.2310

210.5341,
217.2045, 198.6483

 1.8515, 1.7693,
0.6922

255.1266,

 0.5484, 0.4679,

263.5311, 243.7286

0.0000

305.6091,
316.0169, 295.1598

■ 0.0000, 0.0000,
0.0000

■ 46.2082, 47.0580,
38.1002

■ 46.2082, 47.0580,
38.1002

■ 42.7459, 42.6354,
29.2324

■ 50.0950, 51.8782,
48.5002

■ 39.6877, 38.5926,
21.8199

■ 54.4183, 57.1004,
60.4983

■ 37.0167, 34.9198,
15.7836

■ 59.1941, 62.7369,
74.1599

■ 34.7133, 31.6042,
11.0357

■ 64.4366, 68.7978,
89.5463

■ 32.7560, 28.6319,
7.4778

■ 69.9164, 75.1954,
105.4369

■ 31.1201, 25.9878,
4.9975

■ 72.6985, 80.7597,
106.3643

■ 29.7768, 23.6548,
3.4597

■ 75.6368, 86.6363,
107.3437

■ 28.9131, 22.0688,
2.7358

■ 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



48.6276, 47.0580, 41.5083



46.2082, 47.0580, 38.1002



43.4840, 47.0580, 37.9681

Triad

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



46.2082, 47.0580, 38.1002



39.8154, 47.0580, 54.9168



48.4652, 47.0580, 62.8843

Complementary

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



46.2082, 47.0580, 38.1002



40.1730, 43.1246, 61.4650

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.



45.9939, 47.0580, 67.2877



46.2082, 47.0580, 38.1002



41.0412, 47.0580, 62.3808

Square

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



46.2082, 47.0580, 38.1002



39.8676, 47.0580, 47.1562



43.2782, 47.0580, 67.0946



49.9666, 47.0580, 55.5492

Rectangle

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



46.2082, 47.0580, 38.1002



41.8658, 47.0580, 39.7228



43.2782, 47.0580, 67.0946



47.7161, 47.0580, 64.7882

Sweetspot

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



46.2094, 47.0601, 38.1012



89.5875, 93.4622, 93.5539



44.0625, 39.4295, 47.6719



19.0785, 19.8876, 19.7554



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.



46.2094, 47.0601, 38.1012



76.0669, 76.7076, 57.3349



50.9750, 56.5913, 39.6897



11.0746, 11.5184, 11.2023



18.2714, 14.0600, 1.7508



0.9375, 0.8105, 0.1070

Inverse Universe

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



40.1730, 43.1246, 61.4650



63.8778, 68.7612, 104.5133



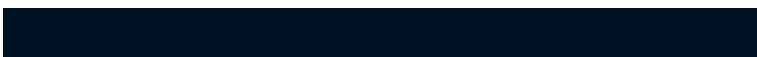
36.1420, 35.0626, 60.1213



10.4775, 11.1291, 13.5134



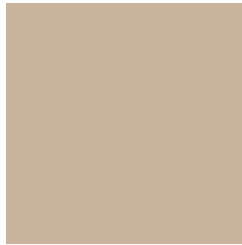
9.4807, 8.3554, 35.8574



0.5214, 0.5405, 1.7220

Previews

White Background



This preview shows how the XYZ color 46.2082, 47.0580, 38.1002 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 46.2082, 47.0580, 38.1002 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

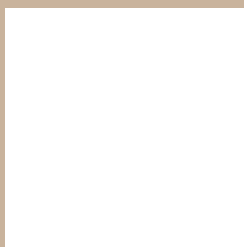
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2082, 47.0580, 38.1002

Background



This preview shows how black text looks on a background with the XYZ color 46.2082, 47.0580, 38.1002.



This preview shows how white text looks on a background with the XYZ color 46.2082, 47.0580,

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

46.2082, 47.0580, 38.1002

Protanopia

44.6377, 47.1310, 39.0923

Deuteranopia

48.1895, 47.1866, 38.4664



Tritanopia

49.3900, 46.8821, 54.0230

Trichromacy



Original Color

46.2082, 47.0580, 38.1002

Protanomaly

45.1154, 47.0842, 38.6086

Deuteranomaly

47.5401, 47.1440, 38.4924

Tritanomaly

48.2636, 47.0226, 47.6068

Monochromacy



Original Color

46.2082, 47.0580, 38.1002

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5060, 47.4202, 46.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2082, 47.0580, 38.1002 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(201, 179, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 156)  
}
```

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(201, 179, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 156) }
```

Border

The CSS property to change the border of an element to XYZ 46.2082, 47.0580, 38.1002 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(201, 179, 156) }
```


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

```
.border{ border-color:rgb(201, 179, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2082, 47.0580, 38.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 156) }
```

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

```
.background{ background-color: rgb(201,  
179, 156) }
```

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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