

Converting Colors

XYZ(49.1135, 47.5886, 38.0946)

Have a look what the booklet for
XYZ(49.1135, 47.5886, 38.0946)
contains.

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Color

**XYZ(49.2576, 47.7471,
38.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B09C
RGB	214, 176, 156
RGB Percent	84%, 69%, 61%
CMY	0.1608, 0.3098, 0.3882
CMYK	0.00, 0.18, 0.27, 0.16
HSL	21°, 41%, 73%
HSV	21°, 27%, 84%
XYZ	49.2576, 47.7471, 38.0724
YIQ	185.0820, 29.0680, 1.8360

Conversions

Conversions Part 2

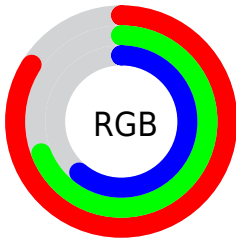
Format	Color
R _Y B	214, 187, 156
Decimal	14069916
CIE Lab	74.67, 10.82, 15.42
CIE LCh	75, 18.837, 54.936
Yxy	47.7471, 0.3647, 0.3535
Android (android.graphics.Color)	4292259996 (0xFFD6B09C)
YUV	185.0820, -14.3374, 25.3611
Hunter-Lab	69.0993, 6.3205, 15.7018

Details

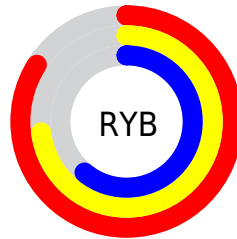
The XYZ color **49.2576, 47.7471, 38.0724** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1391, 50.5049, 70.9878**, and the grayscale version is **46.2267, 48.6341, 52.9625**.

A 20% lighter version of the original color is **81.8545, 83.6764, 73.4650**, and **23.7333, 22.4549, 16.4480** is the 20% darker color. If you saturate the color by 10%, you get **44.9947, 41.8701, 28.4850**, and if you desaturate by 10%, it is **54.1262, 54.3240, 49.4378**.

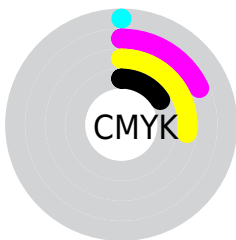
Distribution



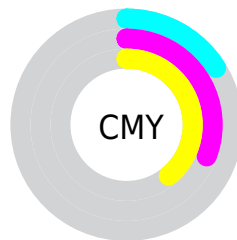
- Red (84%)
- Green (69%)
- Blue (61%)



- Red (84%)
- Yellow (73%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2576, 47.7471, 38.0724 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 49.2576, 47.7471, 38.0724 by changing the saturation by 10% instead.


 49.2576, 47.7471,
38.0724

 49.2576, 47.7471,
38.0724


374.2557,
377.7888, 353.2379

 35.0392, 33.6267,
25.7366


 88.2723, 86.8277,
73.4237

 23.8598, 22.6069,
16.4027


 113.7995,
112.5567, 97.2764

 15.3538, 14.3035,
9.6521


143.8269,
142.9240, 125.8051

 9.1560, 8.3321,
5.0664

178.7199,
178.3140, 159.4283

 4.9010, 4.3082,
2.2268

218.8440,
219.1111, 198.5647

 2.2234, 1.8474,
0.6898

264.5644,

 0.7551, 0.5165,

265.6996, 243.6327

0.0000

316.2465,
318.4641, 295.0510

■ 0.0000, 0.0000,
0.0000

■ 49.2576, 47.7471,
38.0724

■ 49.2576, 47.7471,
38.0724

■ 44.9947, 41.8701,
28.4850

■ 54.1262, 54.3240,
49.4378

■ 41.3084, 36.6625,
20.5816

■ 59.6206, 61.6169,
62.6629

■ 38.1726, 32.1013,
14.2640

■ 65.7642, 69.6494,
77.8276

■ 35.5578, 28.1594,
9.4222

■ 72.5784, 78.4422,
95.0064

■ 33.4308, 24.8075,
5.9322

■ 78.7680, 87.4889,
107.3433

■ 31.7542, 22.0136,
3.6492

■ 81.5416, 93.0362,
108.2678

■ 30.4809, 19.7404,
2.3818

■ 30.1677, 19.1684,
2.1098

Harmonies

Analogous

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



51.5968, 47.7471, 44.4603



49.2576, 47.7471, 38.0724



45.9639, 47.7471, 35.4246

Triad

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



49.2576, 47.7471, 38.0724



39.1542, 47.7471, 50.3472



48.2056, 47.7471, 70.9609

Complementary

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



49.2576, 47.7471, 38.0724



45.1391, 50.5049, 70.9878

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.



44.8054, 47.7471, 73.0467



49.2576, 47.7471, 38.0724



39.6878, 47.7471, 60.3218

Square

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



49.2576, 47.7471, 38.0724



40.2198, 47.7471, 41.9215



41.7156, 47.7471, 68.9392



50.9684, 47.7471, 63.5503

Rectangle

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



49.2576, 47.7471, 38.0724



43.7117, 47.7471, 35.8613



41.7156, 47.7471, 68.9392



47.0947, 47.7471, 72.3443

Sweetspot

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



49.2589, 47.7493, 38.0734



87.8216, 90.5229, 91.1386



49.4330, 41.9986, 56.9338



18.5216, 19.0114, 18.8377



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.



49.2589, 47.7493, 38.0734



69.2014, 65.4447, 47.4379



55.4047, 60.0410, 40.1220



12.7700, 13.1142, 13.0189



18.3221, 11.7615, 1.3045



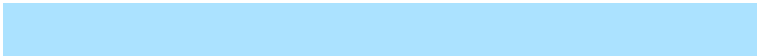
1.1811, 0.8615, 0.1040

Inverse Universe

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



45.1391, 50.5049, 70.9878



62.0018, 70.2409, 104.8977



39.4241, 39.0749, 69.0828



12.4149, 13.3531, 15.8606



13.1221, 14.5059, 40.5615



0.8673, 1.0265, 2.4717

Previews

White Background



This preview shows how the XYZ color 49.2576, 47.7471, 38.0724 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 49.2576, 47.7471, 38.0724 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 49.2576, 47.7471, 38.0724

Background



This preview shows how black text looks on a background with the XYZ color 49.2576, 47.7471, 38.0724.



This preview shows how white text looks on a background with the XYZ color 49.2576, 47.7471,

38.0724.

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

49.2576, 47.7471, 38.0724

Protanopia

45.2710, 47.7425, 40.0869

Deuteranopia

48.8743, 47.8416, 38.1109



Tritanopia

52.1248, 47.7595, 52.3702

Trichromacy



Original Color

49.2576, 47.7471, 38.0724

Protanomaly

46.6667, 47.5632, 39.5219

Deuteranomaly

49.1635, 47.9907, 38.1244

Tritanomaly

50.9025, 47.5421, 46.5381

Monochromacy



Original Color

49.2576, 47.7471, 38.0724

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.1329, 48.2477, 46.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2576, 47.7471, 38.0724 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(214, 176, 156) looks like.

```
.text, #text, p{  
    color:rgb(214, 176, 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(214, 176, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 176, 156) }
```

Border

The CSS property to change the border of an element to XYZ 49.2576, 47.7471, 38.0724 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(214, 176, 156) }
```


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

```
.border{ border-color:rgb(214, 176, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 176, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 176, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 176, 156);  
box-shadow:4px 4px 4px 4px rgb(214, 176,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2576, 47.7471, 38.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 176, 156) }
```

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

```
.background{ background-color: rgb(214,  
176, 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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