

Converting Colors

XYZ(48.9177, 48.8701, 36.1478)

Have a look what the booklet for
XYZ(48.9177, 48.8701, 36.1478)
contains.

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Color

**XYZ(48.7711, 48.7258,
36.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B497
RGB	211, 180, 151
RGB Percent	83%, 71%, 59%
CMY	0.1725, 0.2941, 0.4078
CMYK	0.00, 0.15, 0.28, 0.17
HSL	29°, 41%, 71%
HSV	29°, 28%, 83%
XYZ	48.7711, 48.7258, 36.1127
YIQ	185.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

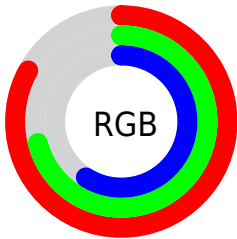
Format	Color
RYB	211, 207, 151
Decimal	13874327
CIELab	75.28, 6.84, 18.94
CIElCh	75, 20.138, 70.135
Yxy	48.7258, 0.3650, 0.3647
Android (android.graphics.Color)	4292064407 (0xFFD3B497)
YUV	185.9630, -17.2368, 21.9574
Hunter-Lab	69.8039, 2.5590, 18.1893

Details

The XYZ color **48.7711, 48.7258, 36.1127** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2478, 44.7369, 68.0891**, and the grayscale version is **46.7351, 49.1689, 53.5450**.

A 20% lighter version of the original color is **82.2549, 85.6587, 69.9561**, and **23.5999, 23.1668, 15.2844** is the 20% darker color. If you saturate the color by 10%, you get **45.0942, 43.8731, 27.1761**, and if you desaturate by 10%, it is **52.9303, 54.0517, 46.7242**.

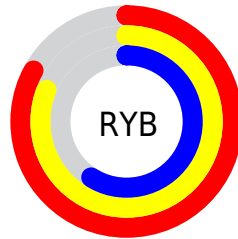
Distribution



Red (83%)

Green (71%)

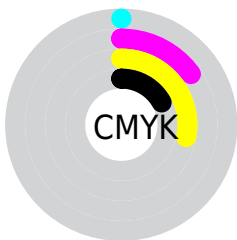
Blue (59%)



Red (83%)

Yellow (81%)

Blue (59%)

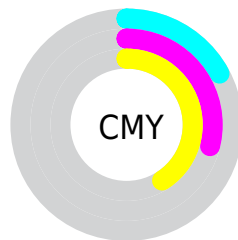


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (17%)



Cyan (17%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7711, 48.7258, 36.1127 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 48.7711, 48.7258, 36.1127 by changing the saturation by 10% instead.

 48.7711, 48.7258,
36.1127


 48.7711, 48.7258,
36.1127


372.3724,
381.6619, 344.5052

 34.6517, 34.4020,
24.2309


 87.5542, 88.2841,
70.3770

 23.5600, 23.2026,
15.2912


 112.9486,
114.2873, 93.5965

 15.1305, 14.7432,
8.8751


142.8320,
144.9526, 121.4324

 8.9979, 8.6393,
4.5641

177.5699,
180.6642, 154.3030

 4.7969, 4.5067,
1.9396

217.5275,
221.8065, 192.6271

 2.1621, 1.9608,
0.5178

263.0702,

 0.7227, 0.5846,

268.7639, 236.8232

0.0000

314.5634,
321.9209, 287.3097

■ 0.0000, 0.0000,
0.0000

■ 48.7711, 48.7258,
36.1127

■ 48.7711, 48.7258,
36.1127

■ 45.0942, 43.8731,
27.1761

■ 52.9303, 54.0517,
46.7242

■ 41.8755, 39.4726,
19.8240

■ 57.5870, 59.8580,
59.0886

■ 39.0944, 35.5111,
13.9617

■ 62.7604, 66.1598,
73.2828

■ 36.7265, 31.9721,
9.4833

■ 68.4672, 72.9698,
89.3778

■ 34.7451, 28.8378,
6.2685

■ 74.4809, 80.2028,
106.1629

■ 33.1189, 26.0882,
4.1762

■ 77.6892, 86.6194,
107.2323

■ 31.8028, 23.6975,
2.9927

■ 80.6740, 92.5889,
108.2272

■ 31.6153, 23.3516,
2.8410

Harmonies

Analogous

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



51.9646, 48.7258, 40.9795



48.7711, 48.7258, 36.1127



45.0723, 48.7258, 35.4253

Triad

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



48.7711, 48.7258, 36.1127



39.6590, 48.7258, 56.7191



51.0491, 48.7258, 70.1972

Complementary

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



48.7711, 48.7258, 36.1127



41.2478, 44.7369, 68.0891

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.



47.5750, 48.7258, 75.7334



48.7711, 48.7258, 36.1127



41.0857, 48.7258, 67.2943

Square

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



48.7711, 48.7258, 36.1127



39.9412, 48.7258, 46.4302



43.9378, 48.7258, 74.6056



53.3275, 48.7258, 60.2798

Rectangle

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



48.7711, 48.7258, 36.1127



42.8333, 48.7258, 37.3180



43.9378, 48.7258, 74.6056



49.9750, 48.7258, 72.6885

Sweetspot

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



48.7724, 48.7280, 36.1137



87.9064, 91.2766, 89.3662



46.3744, 39.3600, 49.4094



18.5817, 19.2478, 18.4992



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.



48.7724, 48.7280, 36.1137



71.4348, 70.2962, 46.9960



55.4966, 62.1765, 38.3551



12.2736, 12.7379, 12.4238



19.1815, 14.2960, 1.7484



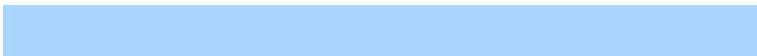
1.1518, 0.9579, 0.1242

Inverse Universe

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



41.2478, 44.7369, 68.0891



58.0788, 63.2107, 103.7475



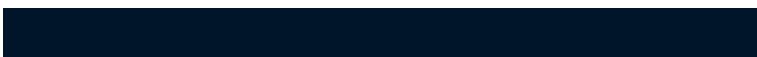
35.7492, 33.7396, 66.2562



11.6615, 12.4133, 15.0250



10.4994, 9.6453, 38.5008



0.6663, 0.6979, 2.1791

Previews

White Background



This preview shows how the XYZ color 48.7711, 48.7258, 36.1127 looks on a white background.

Color Contrast Check

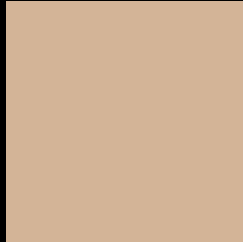
Large Text (above 18pt) WCAG AA × Fail

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 48.7711, 48.7258, 36.1127 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 48.7711, 48.7258, 36.1127

Background



This preview shows how black text looks on a background with the XYZ color 48.7711, 48.7258, 36.1127.



This preview shows how white text looks on a background with the XYZ color 48.7711, 48.7258,

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

48.7711, 48.7258, 36.1127

Protanopia

45.8637, 48.7336, 37.1262

Deuteranopia

49.5306, 48.5222, 36.0333



Tritanopia

52.4314, 48.7379, 54.2209

Trichromacy



Original Color

48.7711, 48.7258, 36.1127

Protanomaly

46.6884, 48.5515, 36.6164

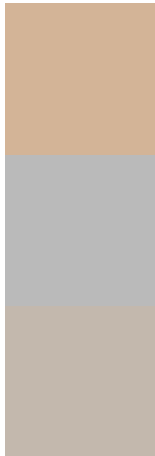
Deuteranomaly

49.4376, 48.7707, 36.0862

Tritanomaly

51.1916, 48.8356, 47.2856

Monochromacy



Original Color

48.7711, 48.7258, 36.1127

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1890, 48.9002, 46.4867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7711, 48.7258, 36.1127 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(211, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(211, 180, 151)  
}
```

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(211, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 180, 151) }
```

Border

The CSS property to change the border of an element to XYZ 48.7711, 48.7258, 36.1127 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(211, 180, 151) }
```


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

```
.border{ border-color:rgb(211, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 180, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 180, 151);  
box-shadow:4px 4px 4px 4px rgb(211, 180,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7711, 48.7258, 36.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 180, 151) }
```

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

```
.background{ background-color: rgb(211,  
180, 151) }
```

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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