

Converting Colors

XYZ(49.5777, 48.6784, 30.0754)

Have a look what the booklet for
XYZ(49.5777, 48.6784, 30.0754)
contains.

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Color

**XYZ(49.5777, 48.6784,
30.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB288
RGB	219, 178, 136
RGB Percent	86%, 70%, 53%
CMY	0.1412, 0.3019, 0.4667
CMYK	0.00, 0.19, 0.38, 0.14
HSL	30°, 54%, 70%
HSV	30°, 38%, 86%
XYZ	49.5777, 48.6784, 30.0754
YIQ	185.4710, 37.9180, -4.3700

Conversions

Conversions Part 2

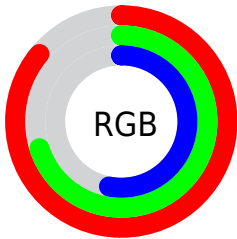
Format	Color
R_{YB}	217, 219, 136
Decimal	14398088
CIE _{Lab}	75.25, 9.17, 27.08
CIE _{LCh}	75, 28.587, 71.300
Yxy	48.6784, 0.3863, 0.3793
Android (android.graphics.Color)	4292588168 (0xFFDDBB288)
YUV	185.4710, -24.3892, 29.4049
Hunter-Lab	69.7699, 4.7427, 23.2811

Details

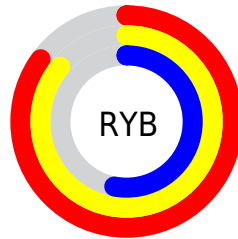
The XYZ color **49.5777, 48.6784, 30.0754** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.6611, 41.7915, 73.0466**, and the grayscale version is **46.4945, 48.9158, 53.2693**.

A 20% lighter version of the original color is **79.9571, 83.8233, 60.6805**, and **23.9136, 23.0205, 11.9871** is the 20% darker color. If you saturate the color by 10%, you get **46.1098, 43.9839, 22.0094**, and if you desaturate by 10%, it is **53.5359, 53.8441, 39.8747**.

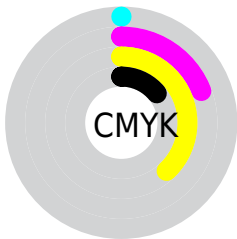
Distribution



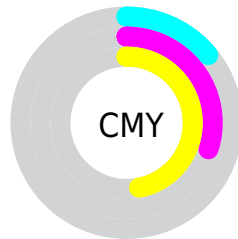
- Red (86%)
- Green (70%)
- Blue (53%)



- Red (85%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5777, 48.6784, 30.0754 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 49.5777, 48.6784, 30.0754 by changing the saturation by 10% instead.


 49.5777, 48.6784,
30.0754


 49.5777, 48.6784,
30.0754


375.4915,
381.4749, 316.4740


 35.2944, 34.3644,
19.6433


 88.7444, 88.2136,
60.8438

 24.0573, 23.1737,
11.9545


 114.3586,
114.2037, 82.0172

 15.5011, 14.7218,
6.5906


 144.4804,
144.8545, 107.6081

 9.2604, 8.6244,
3.1328

179.4752,
180.5506, 138.0350

 4.9699, 4.4970,
1.1629

219.7083,
221.6763, 173.7165

 2.2642, 1.9553,
0.0000

265.5452,

 0.7762, 0.5813,

268.6159, 215.0712

0.0000

317.3511,
321.7540, 262.5175

■ 0.0000, 0.0000,
0.0000

■ 49.5777, 48.6784,
30.0754

■ 49.5777, 48.6784,
30.0754

■ 46.1098, 43.9839,
22.0094

■ 53.5359, 53.8441,
39.8747

■ 43.1050, 39.7383,
15.5699

■ 58.0022, 59.4889,
51.4996

■ 40.5389, 35.9270,
10.6424

■ 62.9981, 65.6288,
65.0393

■ 38.3827, 32.5318,
7.0962

■ 68.5424, 72.2773,
80.5764

■ 36.6033, 29.5326,
4.7781

■ 74.6533, 79.4469,
98.1883

■ 35.1554, 26.9038,
3.4722

■ 79.2859, 86.3251,
107.0913

■ 34.8795, 26.3923,
3.2559

■ 82.6174, 92.9880,
108.2018

■ 83.0234, 93.8000,
108.3372

Harmonies

Analogous

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



54.2677, 48.6784, 36.1289



49.5777, 48.6784, 30.0754



44.3185, 48.6784, 29.4188

Triad

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



49.5777, 48.6784, 30.0754



37.0629, 48.6784, 58.8680



53.2502, 48.6784, 77.8058

Complementary

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



49.5777, 48.6784, 30.0754



38.6611, 41.7915, 73.0466

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.



48.2725, 48.6784, 86.6827



49.5777, 48.6784, 30.0754



39.0947, 48.6784, 74.4498

Square

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



49.5777, 48.6784, 30.0754



37.3543, 48.6784, 44.2686



43.1078, 48.6784, 85.3500



56.4961, 48.6784, 62.8156

Rectangle

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



49.5777, 48.6784, 30.0754



41.2216, 48.6784, 31.9499



43.1078, 48.6784, 85.3500



51.7089, 48.6784, 81.7208

Sweetspot

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



49.5789, 48.6807, 30.0764



86.5966, 89.8001, 85.4059



46.0036, 35.8632, 46.3548



18.3263, 18.9649, 17.7120



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.



49.5789, 48.6807, 30.0764



66.2601, 63.6968, 33.7101



58.9889, 67.5006, 33.2130



13.5980, 14.1353, 13.7373



20.7918, 15.8692, 1.9672



1.4332, 1.2005, 0.1562

Inverse Universe

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



38.6611, 41.7915, 73.0466



48.8571, 52.7166, 102.2080



31.7442, 27.9576, 70.7410



12.8672, 13.6741, 16.6133



10.8811, 9.6317, 41.0240



0.7911, 0.7963, 2.6864

Previews

White Background



This preview shows how the XYZ color 49.5777, 48.6784, 30.0754 looks on a white background.

Color Contrast Check

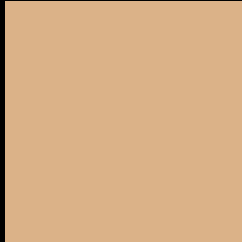
Large Text (above 18pt) WCAG AA × Fail

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 49.5777, 48.6784, 30.0754 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 49.5777, 48.6784, 30.0754

Background



This preview shows how black text looks on a background with the XYZ color 49.5777, 48.6784, 30.0754.



This preview shows how white text looks on a background with the XYZ color 49.5777, 48.6784,

30.0754.

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

49.5777, 48.6784, 30.0754

Protanopia

45.5624, 48.7041, 31.4255

Deuteranopia

49.8795, 48.8340, 30.0895



Tritanopia

54.0603, 48.4759, 52.4064

Trichromacy



Original Color

49.5777, 48.6784, 30.0754

Protanomaly

46.7690, 48.4127, 30.9243

Deuteranomaly

49.8795, 48.8340, 30.0895

Tritanomaly

52.2353, 48.5917, 43.1853

Monochromacy



Original Color

49.5777, 48.6784, 30.0754

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.7290, 48.1162, 43.3837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5777, 48.6784, 30.0754 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(219, 178, 136)` looks like.

```
.text, #text, p{  
    color:rgb(219, 178, 136)  
}
```

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(219, 178, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 178, 136) }
```

Border

The CSS property to change the border of an element to XYZ 49.5777, 48.6784, 30.0754 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(219, 178, 136) }
```


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

```
.border{ border-color:rgb(219, 178, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 178, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 178, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 178, 136);  
box-shadow:4px 4px 4px 4px rgb(219, 178,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5777, 48.6784, 30.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 178, 136) }
```

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

```
.background{ background-color: rgb(219,  
178, 136) }
```

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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