

Converting Colors

XYZ(50.4238, 47.4366, 40.5610)

Have a look what the booklet for
XYZ(50.4238, 47.4366, 40.5610)
contains.

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Color

**XYZ(50.3786, 47.4012,
40.6765)**

Conversions

Conversions Part 1

Format	Color
Hex	DAADA2
RGB	218, 173, 162
RGB Percent	85%, 68%, 64%
CMY	0.1451, 0.3215, 0.3647
CMYK	0.00, 0.21, 0.26, 0.15
HSL	12°, 43%, 75%
HSV	12°, 26%, 85%
XYZ	50.3786, 47.4012, 40.6765
YIQ	185.2010, 30.3510, 6.1190

Conversions

Conversions Part 2

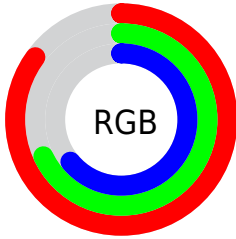
Format	Color
R _Y B	218, 176, 162
Decimal	14331298
CIE Lab	74.45, 14.79, 11.90
CIE LCh	74, 18.983, 38.813
Yxy	47.4012, 0.3639, 0.3424
Android (android.graphics.Color)	4292521378 (0xFFDAADA2)
YUV	185.2010, -11.4381, 28.7647
Hunter-Lab	68.8485, 10.1290, 13.1648

Details

The XYZ color **50.3786, 47.4012, 40.6765** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8674, 57.3673, 74.7746**, and the grayscale version is **46.2769, 48.6869, 53.0200**.

A 20% lighter version of the original color is **81.7837, 82.3084, 77.2223**, and **24.5521, 22.4819, 17.7973** is the 20% darker color. If you saturate the color by 10%, you get **45.4650, 40.4107, 30.2926**, and if you desaturate by 10%, it is **56.0711, 55.4111, 52.9784**.

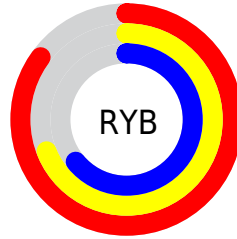
Distribution



Red (85%)

Green (68%)

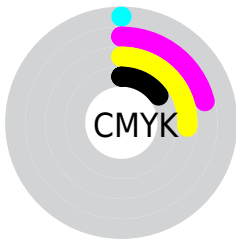
Blue (64%)



Red (85%)

Yellow (69%)

Blue (64%)

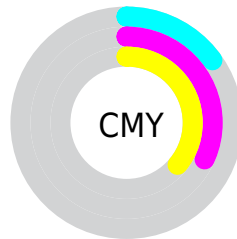


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (15%)



Cyan (15%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3786, 47.4012, 40.6765 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 50.3786, 47.4012, 40.6765 by changing the saturation by 10% instead.


 50.3786, 47.4012,
40.6765


 50.3786, 47.4012,
40.6765


378.5722,
376.4137, 364.6033

 35.9333, 33.3529,
27.7486


 89.9240, 86.3122,
77.4409

 24.5526, 22.3970,
17.8988


 115.7549,
111.9437, 102.1145

 15.8710, 14.1489,
10.7087


146.1118,
142.2050, 131.5403

 9.5232, 8.2243,
5.7596

181.3599,
177.4807, 166.1371

 5.1438, 4.2388,
2.6331

221.8646,
218.1550, 206.3232

 2.3675, 1.8080,
0.9094

267.9913,

 0.8289, 0.4922,

264.6123, 252.5172

0.0000

320.1054,
317.2371, 305.1377

■ 0.0000, 0.0000,
0.0000

■ 50.3786, 47.4012,
40.6765

■ 50.3786, 47.4012,
40.6765

■ 45.4650, 40.4107,
30.2926

■ 56.0711, 55.4111,
52.9784

■ 41.2921, 34.3923,
21.7268

■ 62.5709, 64.4726,
67.2855

■ 37.8242, 29.3042,
14.8747

■ 69.9094, 74.6242,
83.6831

■ 35.0211, 25.0995,
9.6198

■ 78.1155, 85.9008,
102.2507

■ 32.8382, 21.7266,
5.8312

■ 82.7236, 93.6455,
108.3231

■ 31.2251, 19.1286,
3.3567

■ 30.1225, 17.2410,
2.0102

■ 29.7716, 16.6215,
1.6391

Harmonies

Analogous

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



51.8750, 47.4012, 48.7776



50.3786, 47.4012, 40.6765



47.4741, 47.4012, 35.9568

Triad

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



50.3786, 47.4012, 40.6765



39.1913, 47.4012, 45.0951



46.0693, 47.4012, 72.5682

Complementary

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



50.3786, 47.4012, 40.6765



49.8674, 57.3673, 74.7746

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.



42.7164, 47.4012, 71.2565



50.3786, 47.4012, 40.6765



38.8577, 47.4012, 54.5538

Square

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



50.3786, 47.4012, 40.6765



41.0530, 47.4012, 38.2742



40.1174, 47.4012, 64.3500



49.3056, 47.4012, 67.7356

Rectangle

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



50.3786, 47.4012, 40.6765



45.1899, 47.4012, 34.9679



40.1174, 47.4012, 64.3500



44.9172, 47.4012, 72.8428

Sweetspot

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



50.3799, 47.4034, 40.6775



86.9297, 88.7392, 90.8413



53.1866, 45.2876, 65.4411



18.2983, 18.5648, 18.7633



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.



50.3799, 47.4034, 40.6775



67.8080, 61.8656, 49.4157



56.1515, 58.9467, 42.6014



13.2622, 13.4637, 13.6253



17.8963, 10.0782, 1.0020



1.2201, 0.7743, 0.0852

Inverse Universe

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



49.8674, 57.3673, 74.7746



66.9464, 78.4506, 106.2218



43.8232, 45.2788, 72.7599



13.2162, 14.3721, 16.7297



16.8615, 21.5924, 43.0175



1.1490, 1.5122, 2.8058

Previews

White Background



This preview shows how the XYZ color 50.3786, 47.4012, 40.6765 looks on a white background.

Color Contrast Check

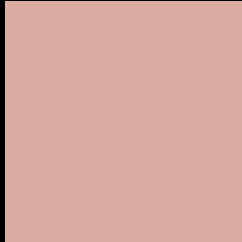
Large Text (above 18pt) WCAG AA × Fail

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 50.3786, 47.4012, 40.6765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

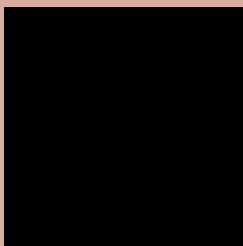
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3786, 47.4012, 40.6765

Background



This preview shows how black text looks on a background with the XYZ color 50.3786, 47.4012, 40.6765.



This preview shows how white text looks on a background with the XYZ color 50.3786, 47.4012,

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

50.3786, 47.4012, 40.6765

Protanopia

45.1437, 47.6041, 43.3684

Deuteranopia

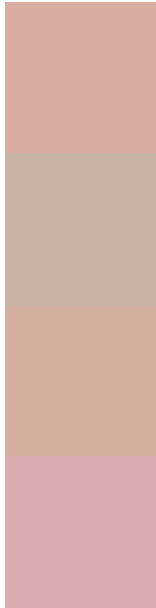
48.4497, 47.5728, 40.3471



Tritanopia

52.4372, 47.3840, 51.1820

Trichromacy



Original Color

50.3786, 47.4012, 40.6765

Protanomaly

46.7310, 47.2362, 42.2518

Deuteranomaly

49.1097, 47.6209, 40.3216

Tritanomaly

51.5142, 47.2810, 46.9685

Monochromacy



Original Color

50.3786, 47.4012, 40.6765

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4856, 48.0924, 48.3750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3786, 47.4012, 40.6765 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(218, 173, 162)` looks like.

```
.text, #text, p{  
    color:rgb(218, 173, 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(218, 173, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 173, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.3786, 47.4012, 40.6765 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(218, 173, 162) }
```


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

```
.border{ border-color:rgb(218, 173, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 173, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 173, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 173, 162);  
box-shadow:4px 4px 4px 4px rgb(218, 173,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3786, 47.4012, 40.6765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 173, 162) }
```

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

```
.background{ background-color: rgb(218,  
173, 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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