

Converting Colors

XYZ(47.5639, 48.2781, 33.1392)

Have a look what the booklet for
XYZ(47.5639, 48.2781, 33.1392)
contains.

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Color

**XYZ(47.3677, 48.0660,
33.1667)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B490
RGB	208, 180, 144
RGB Percent	82%, 71%, 56%
CMY	0.1843, 0.2941, 0.4353
CMYK	0.00, 0.13, 0.31, 0.18
HSL	34°, 41%, 69%
HSV	34°, 31%, 82%
XYZ	47.3677, 48.0660, 33.1667
YIQ	184.2680, 28.2440, -5.2600

Conversions

Conversions Part 2

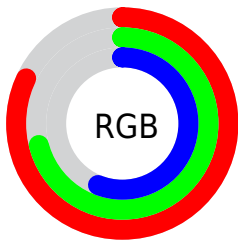
Format	Color
R_YB	194, 208, 144
Decimal	13677712
CIE Lab	74.87, 4.75, 22.10
CIE LCh	75, 22.602, 77.869
Yxy	48.0660, 0.3683, 0.3738
Android (android.graphics.Color)	4291867792 (0xFFD0B490)
YUV	184.2680, -19.8521, 20.8130
Hunter-Lab	69.3296, 0.6287, 20.1669

Details

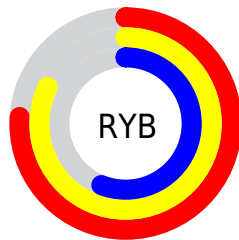
The XYZ color **47.3677, 48.0660, 33.1667** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6389, 39.9872, 65.4091**, and the grayscale version is **45.8045, 48.1899, 52.4789**.

A 20% lighter version of the original color is **81.4285, 85.3281, 65.6043**, and **22.7020, 22.7414, 13.5489** is the 20% darker color. If you saturate the color by 10%, you get **44.1455, 43.9356, 24.9588**, and if you desaturate by 10%, it is **51.0059, 52.5592, 42.9594**.

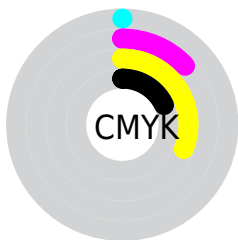
Distribution



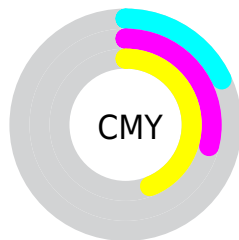
- Red (82%)
- Green (71%)
- Blue (56%)



- Red (76%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3677, 48.0660, 33.1667 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 47.3677, 48.0660, 33.1667 by changing the saturation by 10% instead.


 47.3677, 48.0660,
33.1667

 47.3677, 48.0660,
33.1667


366.9048,
379.0537, 331.0552

 33.5356, 33.8792,
21.9820

 85.4776, 87.3027,
65.7547

 22.6983, 22.8008,
13.6455


 110.4862,
113.1213, 87.9951

 14.4903, 14.4465,
7.7386


139.9509,
143.5859, 114.7578

 8.5465, 8.4318,
3.8428

174.2372,
179.0810, 146.4614

 4.5013, 4.3725,
1.5395

213.7103,
219.9909, 183.5244

 1.9894, 1.8840,
0.2471

258.7357,

 0.6280, 0.5388,

266.7001, 226.3654

0.0000

309.6788,
319.5929, 275.4028

■ 0.0000, 0.0000,
0.0000

■ 47.3677, 48.0660,
33.1667

■ 47.3677, 48.0660,
33.1667

■ 44.1455, 43.9356,
24.9588

■ 51.0059, 52.5592,
42.9594

■ 41.3173, 40.1503,
18.2472

■ 55.0735, 57.4189,
54.4129

■ 38.8641, 36.7006,
12.9389


■ 59.5877, 62.6573,
67.6021


■ 36.7639, 33.5736,
8.9296


■ 64.5638, 68.2838,
82.5963

■ 34.9916, 30.7553,
6.0997


■ 70.0161, 74.3074,
99.4608


 33.5179, 28.2299,
4.3075

 73.6554, 79.8158,
106.1317

 32.3754, 26.1359,
3.3384

 76.3215, 85.1480,
107.0204

 79.1226, 90.7503,
107.9541

 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



51.1992, 48.0660, 37.2703



47.3677, 48.0660, 33.1667



43.3012, 48.0660, 33.6015

Triad

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



47.3677, 48.0660, 33.1667



38.5634, 48.0660, 59.5983



51.8055, 48.0660, 69.0493

Complementary

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



47.3677, 48.0660, 33.1667



37.6389, 39.9872, 65.4091

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.



48.1554, 48.0660, 76.9905



47.3677, 48.0660, 33.1667



40.5822, 48.0660, 70.9958

Square

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



47.3677, 48.0660, 33.1667



38.3807, 48.0660, 47.7182



44.0432, 48.0660, 77.7520



53.8624, 48.0660, 57.2418

Rectangle

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



47.3677, 48.0660, 33.1667



41.0001, 48.0660, 36.4133



44.0432, 48.0660, 77.7520



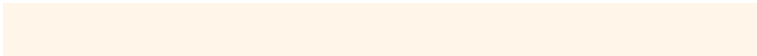
50.7145, 48.0660, 72.3312

Sweetspot

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



47.3689, 48.0682, 33.1677



88.4532, 92.3702, 89.5484



43.5095, 36.3664, 44.1605



18.7163, 19.5171, 18.5441



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.



47.3689, 48.0682, 33.1677



71.6201, 71.7767, 43.6361



52.7118, 60.0762, 35.2039



12.3526, 12.8958, 12.4501



20.2759, 16.4848, 2.1132



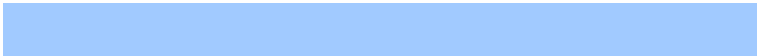
1.2120, 1.0782, 0.1442

Inverse Universe

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



37.6389, 39.9872, 65.4091



53.7796, 56.9650, 102.7686



33.4275, 30.7228, 63.8429



11.5831, 12.2564, 14.9989



9.5193, 7.6853, 38.1742



0.6106, 0.5864, 2.1606

Previews

White Background



This preview shows how the XYZ color 47.3677, 48.0660, 33.1667 looks on a white background.

Color Contrast Check

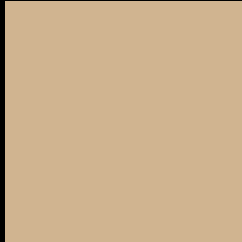
Large Text (above 18pt) WCAG AA × Fail

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 47.3677, 48.0660, 33.1667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

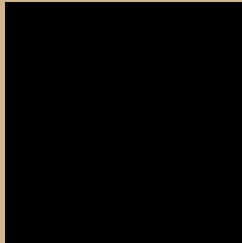
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3677, 48.0660, 33.1667

Background



This preview shows how black text looks on a background with the XYZ color 47.3677, 48.0660, 33.1667.



This preview shows how white text looks on a background with the XYZ color 47.3677, 48.0660,

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

47.3677, 48.0660, 33.1667

Protanopia

45.0937, 48.0921, 34.1001

Deuteranopia

49.1519, 48.0875, 33.4793



Tritanopia

51.6537, 48.0491, 54.1289

Trichromacy



Original Color

47.3677, 48.0660, 33.1667

Protanomaly

45.8637, 48.1907, 33.6725

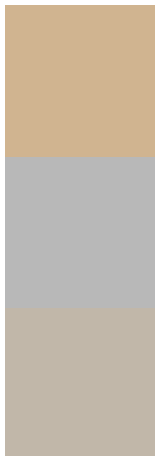
Deuteranomaly

48.4718, 48.0313, 33.5043

Tritanomaly

49.8357, 47.8781, 45.6445

Monochromacy



Original Color

47.3677, 48.0660, 33.1667

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0872, 48.0690, 44.3853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3677, 48.0660, 33.1667 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(208, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(208, 180, 144)  
}
```

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(208, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 180, 144) }
```

Border

The CSS property to change the border of an element to XYZ 47.3677, 48.0660, 33.1667 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(208, 180, 144) }
```


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

```
.border{ border-color:rgb(208, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(208, 180,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3677, 48.0660, 33.1667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 180, 144) }
```

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

```
.background{ background-color: rgb(208,  
180, 144) }
```

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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