

Converting Colors

XYZ(47.4610, 47.2763, 30.6685)

Have a look what the booklet for
XYZ(47.4610, 47.2763, 30.6685)
contains.

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Color

**XYZ(47.4610, 47.2763,
30.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B18A
RGB	212, 177, 138
RGB Percent	83%, 69%, 54%
CMY	0.1686, 0.3059, 0.4588
CMYK	0.00, 0.17, 0.35, 0.17
HSL	32°, 46%, 69%
HSV	32°, 35%, 83%
XYZ	47.4610, 47.2763, 30.6685
YIQ	183.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

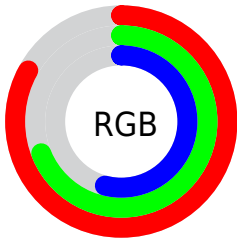
Format	Color
RYB	204, 212, 138
Decimal	13939082
CIELab	74.37, 7.17, 24.70
CIElCh	74, 25.721, 73.821
Yxy	47.2763, 0.3785, 0.3770
Android (android.graphics.Color)	4292129162 (0xFFD4B18A)
YUV	183.0190, -22.1944, 25.4163
Hunter-Lab	68.7578, 2.8860, 21.6849

Details

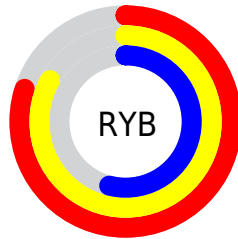
The XYZ color **47.4610, 47.2763, 30.6685** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3081, 40.0427, 68.0502**, and the grayscale version is **45.1263, 47.4763, 51.7017**.

A 20% lighter version of the original color is **79.8933, 83.3436, 61.7453**, and **22.8054, 22.4397, 12.3618** is the 20% darker color. If you saturate the color by 10%, you get **44.1657, 42.9067, 22.7225**, and if you desaturate by 10%, it is **51.2039, 52.0611, 40.2427**.

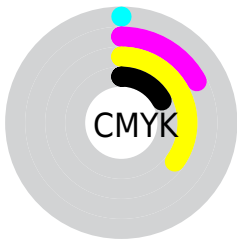
Distribution



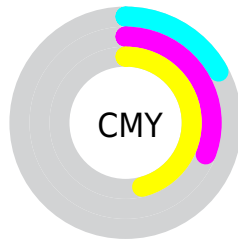
- Red (83%)
- Green (69%)
- Blue (54%)



- Red (80%)
- Yellow (83%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (17%)





- Cyan (17%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4610, 47.2763, 30.6685 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 47.4610, 47.2763, 30.6685 by changing the saturation by 10% instead.


 47.4610, 47.2763,
30.6685


 47.4610, 47.2763,
30.6685


367.2699,
375.9163, 319.3119


 33.6097, 33.2541,
20.0902


 85.6159, 86.1259,
61.7912

 22.7554, 22.3212,
12.2759


 110.6502,
111.7221, 83.1727

 14.5327, 14.0931,
6.8071

 140.1430,
141.9452, 108.9924

 8.5763, 8.1854,
3.2651

174.4594,
177.1794, 139.6688

 4.5207, 4.2138,
1.2315

213.9650,
217.8093, 175.6204

 2.0007, 1.7939,
0.0047

259.0250,

 0.6344, 0.4834,

264.2191, 217.2657

0.0000

310.0049,
316.7933, 265.0234

■ 0.0000, 0.0000,
0.0000

■ 47.4610, 47.2763,
30.6685

■ 47.4610, 47.2763,
30.6685

■ 44.1657, 42.9067,
22.7225

■ 51.2039, 52.0611,
40.2427

■ 41.2936, 38.9326,
16.3087

■ 55.4098, 57.2671,
51.5281

■ 38.8236, 35.3420,
11.3252

■ 60.0978, 62.9082,
64.6051

■ 36.7305, 32.1195,
7.6563

■ 65.2848, 68.9957,
79.5485

■ 34.9856, 29.2483,
5.1681

■ 70.9866, 75.5404,
96.4286

■ 33.5546, 26.7086,
3.6974

■ 75.5320, 81.8781,
106.4308

■ 32.9173, 25.5287,
3.1926

■ 78.5190, 87.8522,
107.4265

■ 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



51.6682, 47.2763, 35.7647



47.4610, 47.2763, 30.6685



42.8416, 47.2763, 30.4766

Triad

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



47.4610, 47.2763, 30.6685



36.8332, 47.2763, 57.8093



51.3844, 47.2763, 72.1477

Complementary

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



47.4610, 47.2763, 30.6685



37.3081, 40.0427, 68.0502

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.



47.0949, 47.2763, 80.4120



47.4610, 47.2763, 30.6685



38.8132, 47.2763, 71.2225

Square

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



47.4610, 47.2763, 30.6685



36.9163, 47.2763, 44.6940



42.4997, 47.2763, 80.0470



54.0375, 47.2763, 58.9112

Rectangle

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



47.4610, 47.2763, 30.6685



40.1599, 47.2763, 33.0681



42.4997, 47.2763, 80.0470



50.0737, 47.2763, 75.6932

Sweetspot

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



47.4622, 47.2785, 30.6695



87.4856, 91.0108, 87.4512



43.8575, 35.2214, 44.4126



18.5112, 19.2215, 18.1222



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.



47.4622, 47.2785, 30.6695



68.2538, 66.7478, 37.2617



54.9284, 62.7366, 33.2597



12.9596, 13.4934, 13.0821



20.4226, 15.9623, 2.0047



1.3144, 1.1280, 0.1485

Inverse Universe

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



37.3081, 40.0427, 68.0502



50.5644, 54.1462, 102.3940



31.6591, 28.4401, 66.1084



12.2221, 12.9676, 15.7963



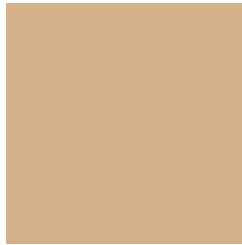
10.2638, 8.7893, 39.6087



0.7016, 0.6952, 2.4165

Previews

White Background



This preview shows how the XYZ color 47.4610, 47.2763, 30.6685 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 47.4610, 47.2763, 30.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

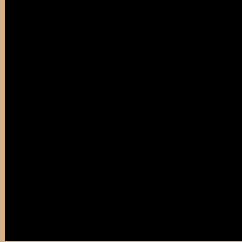
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4610, 47.2763, 30.6685

Background



This preview shows how black text looks on a background with the XYZ color 47.4610, 47.2763, 30.6685.



This preview shows how white text looks on a background with the XYZ color 47.4610, 47.2763,

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

47.4610, 47.2763, 30.6685

Protanopia

44.5062, 47.5258, 32.0270

Deuteranopia

48.4317, 47.4846, 30.6576



Tritanopia

51.8299, 47.3382, 51.7529

Trichromacy



Original Color

47.4610, 47.2763, 30.6685

Protanomaly

45.6146, 47.4978, 31.5748

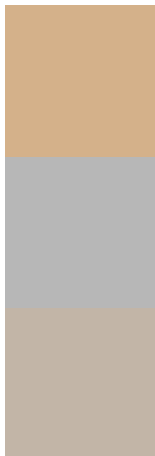
Deuteranomaly

48.1371, 47.3327, 30.6438

Tritanomaly

49.9430, 47.1242, 43.0228

Monochromacy



Original Color

47.4610, 47.2763, 30.6685

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.7471, 47.3071, 43.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4610, 47.2763, 30.6685 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(212, 177, 138)` looks like.

```
.text, #text, p{  
    color:rgb(212, 177, 138)  
}
```

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(212, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 177, 138) }
```

Border

The CSS property to change the border of an element to XYZ 47.4610, 47.2763, 30.6685 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(212, 177, 138) }
```


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

```
.border{ border-color:rgb(212, 177, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 177, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 177, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 177, 138);  
box-shadow:4px 4px 4px 4px rgb(212, 177,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4610, 47.2763, 30.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 177, 138) }
```

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

```
.background{ background-color: rgb(212,  
177, 138) }
```

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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