

Converting Colors

XYZ(47.0858, 48.1058, 26.1633)

Have a look what the booklet for
XYZ(47.0858, 48.1058, 26.1633)
contains.

XYZ(47.1743, 48.1202, 26.2038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.1743, 48.1202,
26.2038)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B47D
RGB	212, 180, 125
RGB Percent	83%, 71%, 49%
CMY	0.1686, 0.2941, 0.5098
CMYK	0.00, 0.15, 0.41, 0.17
HSL	38°, 50%, 66%
HSV	38°, 41%, 83%
XYZ	47.1743, 48.1202, 26.2038
YIQ	183.2980, 36.7270, -10.3210

Conversions

Conversions Part 2

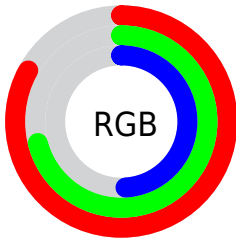
Format	Color
R _{YB}	176, 212, 125
Decimal	13939837
CIE Lab	74.90, 4.06, 32.32
CIE LCh	75, 32.576, 82.836
Yxy	48.1202, 0.3883, 0.3961
Android (android.graphics.Color)	4292129917 (0xFFD4B47D)
YUV	183.2980, -28.7409, 25.1717
Hunter-Lab	69.3687, -0.0061, 26.1615

Details

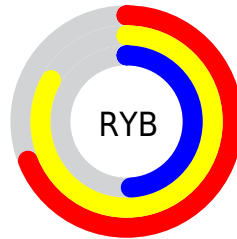
The XYZ color **47.1743, 48.1202, 26.2038** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3977, 33.2263, 66.9931**, and the grayscale version is **45.3132, 47.6730, 51.9159**.

A 20% lighter version of the original color is **79.2713, 84.4653, 54.2449**, and **22.5697, 22.7547, 9.8591** is the 20% darker color. If you saturate the color by 10%, you get **44.4323, 44.5771, 19.3064**, and if you desaturate by 10%, it is **50.2963, 51.9605, 34.6550**.

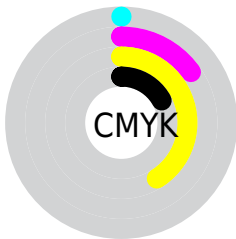
Distribution



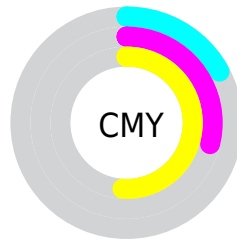
- Red (83%)
- Green (71%)
- Blue (49%)



- Red (69%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (17%)




- Cyan (17%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1743, 48.1202, 26.2038 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 47.1743, 48.1202, 26.2038 by changing the saturation by 10% instead.


 47.1743, 48.1202,
26.2038


 47.1743, 48.1202,
26.2038


366.1471,
379.2684, 297.4183

 33.3820, 33.9221,
16.7490


 85.1909, 87.3833,
54.5917

 22.5799, 22.8337,
9.8957


 110.1459,
113.2172, 74.3618

 14.4026, 14.4708,
5.2251


 139.5525,
143.6983, 98.4076

 8.4848, 8.4488,
2.3189

173.7761,
179.2113, 127.1474

 4.4611, 4.3835,
0.7418

213.1820,
220.1403, 160.9998

 1.9661, 1.8903,
0.0000

258.1355,

 0.6148, 0.5425,

266.8699, 200.3834

0.0000

309.0021,
319.7845, 245.7168

■ 0.0000, 0.0000,
0.0000

■ 47.1743, 48.1202,
26.2038

■ 47.1743, 48.1202,
26.2038

■ 44.4323, 44.5771,
19.3064

■ 50.2963, 51.9605,
34.6550

■ 42.0467, 41.3142,
13.8616

■ 53.8131, 56.1009,
44.7466

■ 39.9966, 38.3224,
9.7608

■ 57.7428, 60.5526,
56.5622

■ 38.2567, 35.5894,
6.8786

■ 62.1014, 65.3241,
70.1791

■ 36.7971, 33.1005,
5.0658

■ 66.9038, 70.4235,
85.6695

■ 35.6812, 31.0568,
4.1140

■ 72.1643, 75.8585,
103.1019

■ 74.7899, 80.3941,
106.1835

■ 77.0660, 84.9464,
106.9422

■ 79.4411, 89.6966,
107.7339

Harmonies

Analogous

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



52.9803, 48.1202, 30.4328



47.1743, 48.1202, 26.2038



41.4507, 48.1202, 27.6836

Triad

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



47.1743, 48.1202, 26.2038



36.0080, 48.1202, 66.1249



55.4437, 48.1202, 74.7137

Complementary

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



47.1743, 48.1202, 26.2038



32.3977, 33.2263, 66.9931

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.



50.3086, 48.1202, 88.6423



47.1743, 48.1202, 26.2038



39.1856, 48.1202, 82.9821

Square

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



47.1743, 48.1202, 26.2038



35.3259, 48.1202, 48.4249



44.3288, 48.1202, 91.9565



58.0152, 48.1202, 56.5757

Rectangle

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



47.1743, 48.1202, 26.2038



38.4106, 48.1202, 31.9026



44.3288, 48.1202, 91.9565



53.9399, 48.1202, 80.1904

Sweetspot

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



47.1755, 48.1225, 26.2048



87.0233, 91.2125, 83.8249



40.6870, 31.1455, 36.3737



18.4520, 19.3278, 17.4102



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.



47.1755, 48.1225, 26.2048



68.0849, 68.4976, 30.7696



51.5619, 61.1033, 28.4792



13.0711, 13.7163, 13.1193



22.1264, 19.3700, 2.5726



1.4123, 1.3239, 0.1811

Inverse Universe

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



32.3977, 33.2263, 66.9931



42.7893, 43.0211, 100.6564



29.2336, 24.5846, 65.4919



12.1129, 12.7492, 15.7599



9.1046, 6.4710, 39.2223



0.6269, 0.5459, 2.3916

Previews

White Background



This preview shows how the XYZ color 47.1743, 48.1202, 26.2038 looks on a white background.

Color Contrast Check

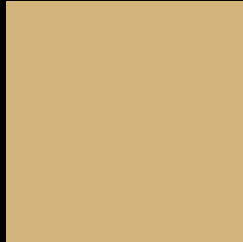
Large Text (above 18pt) WCAG AA × Fail

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 47.1743, 48.1202, 26.2038 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 47.1743, 48.1202, 26.2038

Background



This preview shows how black text looks on a background with the XYZ color 47.1743, 48.1202, 26.2038.



This preview shows how white text looks on a background with the XYZ color 47.1743, 48.1202,

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

47.1743, 48.1202, 26.2038

Protanopia

44.7907, 48.0926, 27.0008

Deuteranopia

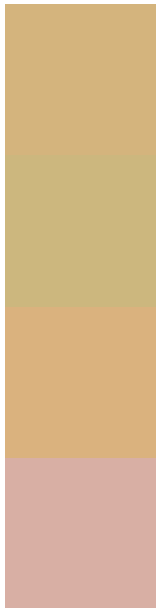
49.3068, 48.3228, 26.4671



Tritanopia

52.5289, 47.9556, 52.9422

Trichromacy



Original Color

47.1743, 48.1202, 26.2038

Protanomaly

45.6012, 48.2107, 26.6408

Deuteranomaly

48.5997, 48.2526, 26.4909

Tritanomaly

50.3497, 47.9392, 41.7214

Monochromacy



Original Color

47.1743, 48.1202, 26.2038

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4977, 47.5339, 40.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1743, 48.1202, 26.2038 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, 180, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 180, 125)  
}
```

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, 180, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 180, 125) }
```

Border

The CSS property to change the border of an element to XYZ 47.1743, 48.1202, 26.2038 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, 180, 125) }
```


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

```
.border{ border-color:rgb(212, 180, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 180, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 180, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 180, 125);  
box-shadow:4px 4px 4px 4px rgb(212, 180,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1743, 48.1202, 26.2038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 180, 125) }
```

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

```
.background{ background-color: rgb(212,  
180, 125) }
```

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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