

Converting Colors

XYZ(47.1811, 46.0064, 33.3512)

Have a look what the booklet for
XYZ(47.1811, 46.0064, 33.3512)
contains.

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Color

**XYZ(47.2058, 45.9285,
33.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AD91
RGB	212, 173, 145
RGB Percent	83%, 68%, 57%
CMY	0.1686, 0.3215, 0.4314
CMYK	0.00, 0.18, 0.32, 0.17
HSL	25°, 44%, 70%
HSV	25°, 32%, 83%
XYZ	47.2058, 45.9285, 33.1651
YIQ	181.4690, 32.2320, -0.4400

Conversions

Conversions Part 2

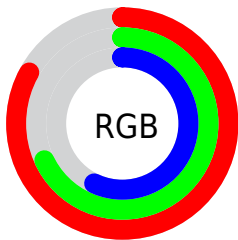
Format	Color
R_{YB}	212, 193, 145
Decimal	13938065
CIE _{Lab}	73.50, 10.19, 19.74
CIE _{LCh}	73, 22.218, 62.695
Yxy	45.9285, 0.3738, 0.3636
Android (android.graphics.Color)	4292128145 (0xFFD4AD91)
YUV	181.4690, -17.9792, 26.7757
Hunter-Lab	67.7706, 5.7362, 18.4245

Details

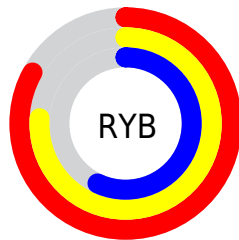
The XYZ color **47.2058, 45.9285, 33.1651** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.7007, 45.0528, 68.8385**, and the grayscale version is **44.2581, 46.5630, 50.7071**.

A 20% lighter version of the original color is **79.2922, 80.8703, 65.4632**, and **22.5681, 21.5508, 13.5599** is the 20% darker color. If you saturate the color by 10%, you get **43.4636, 40.8206, 24.5914**, and if you desaturate by 10%, it is **51.4740, 51.5998, 43.4201**.

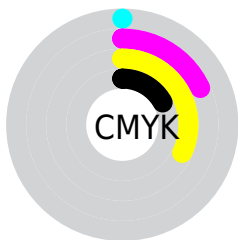
Distribution



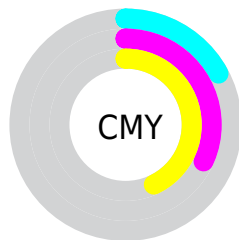
- Red (83%)
- Green (68%)
- Blue (57%)



- Red (83%)
- Yellow (76%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2058, 45.9285, 33.1651 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 47.2058, 45.9285, 33.1651 by changing the saturation by 10% instead.


 47.2058, 45.9285,
33.1651


 47.2058, 45.9285,
33.1651


366.2706,
370.5211, 331.0478

 33.4070, 32.1894,
21.9808


 85.2376, 84.1120,
65.7522

 22.5991, 21.5062,
13.6446

 110.2013,
109.3252, 87.9920

 14.4169, 13.4945,
7.7380


139.6174,
139.1318, 114.7542

 8.4948, 7.7700,
3.8424

173.8512,
173.9163, 146.4571

 4.4676, 3.9481,
1.5393

213.2681,
214.0631, 183.5194

 1.9699, 1.6446,
0.2469

258.2334,

 0.6170, 0.3874,

259.9566, 226.3596

0.0000

309.1124,
311.9811, 275.3962

■ 0.0000, 0.0000,
0.0000

■ 47.2058, 45.9285,
33.1651

■ 47.2058, 45.9285,
33.1651

■ 43.4636, 40.8206,
24.5914

■ 51.4740, 51.5998,
43.4201

■ 40.2210, 36.2510,
17.6046

■ 56.2859, 57.8456,
55.4381

■ 37.4543, 32.2023,
12.1053

■ 61.6629, 64.6849,
69.2987

■ 35.1362, 28.6531,
7.9816

■ 67.6238, 72.1337,
85.0759

■ 33.2361, 25.5804,
5.1053

■ 74.1868, 80.2072,
102.8395

■ 31.7182, 22.9584,
3.3235

■ 78.4741, 87.7624,
107.4116

■ 30.6916, 21.0773,
2.4507

■ 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.



50.3137, 45.9285, 39.2241



47.2058, 45.9285, 33.1651



43.3000, 45.9285, 31.3857

Triad

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



47.2058, 45.9285, 33.1651



36.5447, 45.9285, 51.0309



47.8559, 45.9285, 70.4785

Complementary

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



47.2058, 45.9285, 33.1651



40.7007, 45.0528, 68.8385

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.



44.0093, 45.9285, 74.8376



47.2058, 45.9285, 33.1651



37.6089, 45.9285, 62.6075

Square

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



47.2058, 45.9285, 33.1651



37.2887, 45.9285, 40.7394



40.2843, 45.9285, 71.7630



50.7046, 45.9285, 60.5862

Rectangle

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



47.2058, 45.9285, 33.1651



40.8078, 45.9285, 32.6098



40.2843, 45.9285, 71.7630



46.6289, 45.9285, 72.7012

Sweetspot

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



47.2070, 45.9306, 33.1660



87.4584, 90.3807, 89.2168



45.9376, 37.7125, 50.2517



18.4715, 19.0275, 18.4625



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.



47.2070, 45.9306, 33.1660



67.7521, 64.3959, 41.2516



54.4343, 60.3852, 35.5751



12.8455, 13.2652, 13.0441



19.0414, 13.2000, 1.5443



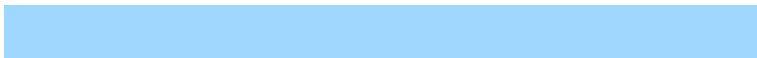
1.2292, 0.9577, 0.1201

Inverse Universe

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



40.7007, 45.0528, 68.8385



56.3431, 62.8450, 103.7684



34.5609, 32.7731, 66.7919



12.3370, 13.1974, 15.8346



11.8399, 11.9416, 40.1341



0.7951, 0.8822, 2.4477

Previews

White Background



This preview shows how the XYZ color 47.2058, 45.9285, 33.1651 looks on a white background.

Color Contrast Check

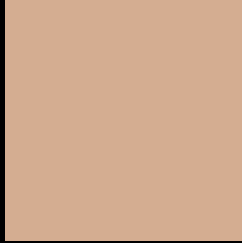
Large Text (above 18pt) WCAG AA × Fail

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 47.2058, 45.9285, 33.1651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

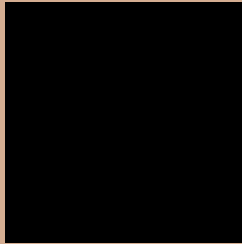
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2058, 45.9285, 33.1651

Background



This preview shows how black text looks on a background with the XYZ color 47.2058, 45.9285, 33.1651.



This preview shows how white text looks on a background with the XYZ color 47.2058, 45.9285,

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

47.2058, 45.9285, 33.1651

Protanopia

43.2319, 45.8888, 35.0126

Deuteranopia

46.8252, 46.0181, 33.2025



Tritanopia

50.6620, 45.9404, 49.9133

Trichromacy



Original Color

47.2058, 45.9285, 33.1651

Protanomaly

44.6206, 45.7245, 34.4909

Deuteranomaly

47.1109, 46.1653, 33.2159

Tritanomaly

49.4669, 46.0237, 43.3221

Monochromacy



Original Color

47.2058, 45.9285, 33.1651

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.7265, 45.8744, 43.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2058, 45.9285, 33.1651 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, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 173, 145)  
}
```

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, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 173, 145) }
```

Border

The CSS property to change the border of an element to XYZ 47.2058, 45.9285, 33.1651 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, 173, 145) }
```


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

```
.border{ border-color:rgb(212, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 173,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2058, 45.9285, 33.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 173, 145) }
```

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

```
.background{ background-color: rgb(212,  
173, 145) }
```

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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