

Converting Colors

XYZ(47.3893, 45.6131, 35.3305)

Have a look what the booklet for
XYZ(47.3893, 45.6131, 35.3305)
contains.

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Color

**XYZ(47.4089, 45.7041,
35.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AC96
RGB	212, 172, 150
RGB Percent	83%, 67%, 59%
CMY	0.1686, 0.3255, 0.4118
CMYK	0.00, 0.19, 0.29, 0.17
HSL	21°, 42%, 71%
HSV	21°, 29%, 83%
XYZ	47.4089, 45.7041, 35.1772
YIQ	181.4520, 30.9020, 1.6380

Conversions

Conversions Part 2

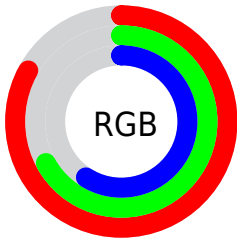
Format	Color
R_{YB}	212, 184, 150
Decimal	13937814
CIE _{Lab}	73.35, 11.39, 16.82
CIE _{LCh}	73, 20.315, 55.903
Yxy	45.7041, 0.3695, 0.3563
Android (android.graphics.Color)	4292127894 (0xFFD4AC96)
YUV	181.4520, -15.5058, 26.7906
Hunter-Lab	67.6048, 6.8674, 16.4727

Details

The XYZ color **47.4089, 45.7041, 35.1772** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8742, 48.0629, 69.3048**, and the grayscale version is **44.2364, 46.5401, 50.6822**.

A 20% lighter version of the original color is **79.6082, 80.5578, 68.4802**, and **22.6789, 21.4017, 14.7400** is the 20% darker color. If you saturate the color by 10%, you get **43.3838, 40.1430, 26.1615**, and if you desaturate by 10%, it is **52.0132, 51.9287, 45.9106**.

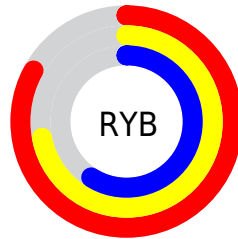
Distribution



Red (83%)

Green (67%)

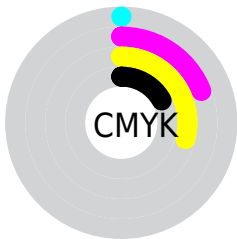
Blue (59%)



Red (83%)

Yellow (72%)

Blue (59%)

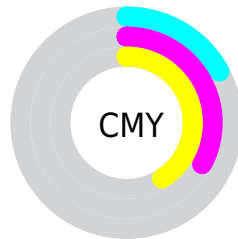


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4089, 45.7041, 35.1772 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 47.4089, 45.7041, 35.1772 by changing the saturation by 10% instead.

 47.4089, 45.7041,
35.1772

 47.4089, 45.7041,
35.1772


367.0660,
369.6178, 340.2778

 33.5683, 32.0124,
23.5148


 85.5387, 83.7760,
68.9149

 22.7235, 21.3710,
14.7652


 110.5586,
108.9249, 91.8272

 14.5090, 13.3954,
8.5100

140.0357,
138.6618, 119.3265

 8.5596, 7.7014,
4.3305

174.3353,
173.3709, 151.8315

 4.5099, 3.9045,
1.8084

213.8228,
213.4366, 189.7605

 1.9944, 1.6203,
0.4335

258.8635,

 0.6308, 0.3712,

259.2434, 233.5322

0.0000

309.8228,
311.1757, 283.5651

■ 0.0000, 0.0000,
0.0000

■ 47.4089, 45.7041,
35.1772

■ 47.4089, 45.7041,
35.1772

■ 43.3838, 40.1430,
26.1615

■ 52.0132, 51.9287,
45.9106

■ 39.9096, 35.2164,
18.7703

■ 57.2161, 58.8321,
58.4428

■ 36.9607, 30.9020,
12.9058

■ 63.0407, 66.4369,
72.8528

■ 34.5079, 27.1741,
8.4580

■ 69.5077, 74.7629,
89.2142

■ 32.5188, 24.0044,
5.3024

■ 76.4750, 83.7641,
106.7452

■ 30.9560, 21.3620,
3.2919

■ 80.6625, 92.1393,
108.1410

■ 29.7636, 19.2073,
2.1846

■ 80.9614, 92.7371,
108.2407

■ 29.6839, 19.0620,
2.1148

Harmonies

Analogous

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



49.9217, 45.7041, 41.6498



47.4089, 45.7041, 35.1772



43.9333, 45.7041, 32.5974

Triad

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



47.4089, 45.7041, 35.1772



36.9384, 45.7041, 48.3708



46.5130, 45.7041, 69.6561

Complementary

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



47.4089, 45.7041, 35.1772



42.8742, 48.0629, 69.3048

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.



42.9511, 45.7041, 72.0960



47.4089, 45.7041, 35.1772



37.5458, 45.7041, 58.8690

Square

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



47.4089, 45.7041, 35.1772



37.9932, 45.7041, 39.5237



39.6997, 45.7041, 67.9111



49.3849, 45.7041, 61.6359

Rectangle

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



47.4089, 45.7041, 35.1772



41.5839, 45.7041, 33.1306



39.6997, 45.7041, 67.9111



45.3513, 45.7041, 71.1994

Sweetspot

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



47.4101, 45.7062, 35.1781



87.0302, 89.5242, 89.0741



47.3851, 39.5411, 54.0223



18.3664, 18.8172, 18.4274



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.



47.4101, 45.7062, 35.1781



68.1631, 64.1301, 44.7420



53.9418, 58.7696, 37.3554



12.7803, 13.1348, 13.0224



18.4113, 11.9399, 1.3342



1.1873, 0.8738, 0.1061

Inverse Universe

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



42.8742, 48.0629, 69.3048



60.1979, 68.2488, 104.6083



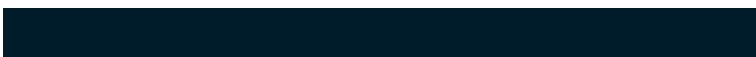
36.9116, 36.1376, 67.3173



12.4042, 13.3317, 15.8570



12.9354, 14.1326, 40.4992



0.8569, 1.0058, 2.4683

Previews

White Background



This preview shows how the XYZ color 47.4089, 45.7041, 35.1772 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 47.4089, 45.7041, 35.1772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

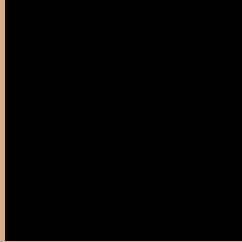
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4089, 45.7041, 35.1772

Background



This preview shows how black text looks on a background with the XYZ color 47.4089, 45.7041, 35.1772.



This preview shows how white text looks on a background with the XYZ color 47.4089, 45.7041,

35.1772.

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

47.4089, 45.7041, 35.1772

Protanopia

43.3892, 45.9228, 37.1490

Deuteranopia

46.4610, 45.4990, 35.1876



Tritanopia

50.3675, 45.7885, 49.8995

Trichromacy



Original Color

47.4089, 45.7041, 35.1772

Protanomaly

44.7606, 45.7500, 36.6085

Deuteranomaly

46.7431, 45.6445, 35.2008

Tritanomaly

49.1752, 45.5744, 44.2351

Monochromacy



Original Color

47.4089, 45.7041, 35.1772

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.9143, 45.9495, 44.5321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4089, 45.7041, 35.1772 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, 172, 150)` looks like.

```
.text, #text, p{  
    color:rgb(212, 172, 150)  
}
```

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, 172, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 172, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.4089, 45.7041, 35.1772 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, 172, 150) }
```


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

```
.border{ border-color:rgb(212, 172, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 172, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 172, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 172, 150);  
box-shadow:4px 4px 4px 4px rgb(212, 172,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4089, 45.7041, 35.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 172, 150) }
```

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

```
.background{ background-color: rgb(212,  
172, 150) }
```

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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