

Converting Colors

XYZ(47.4355, 47.0265, 35.4332)

Have a look what the booklet for
XYZ(47.4355, 47.0265, 35.4332)
contains.

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Color

**XYZ(47.5217, 47.2016,
35.4603)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B196
RGB	209, 177, 150
RGB Percent	82%, 69%, 59%
CMY	0.1804, 0.3059, 0.4118
CMYK	0.00, 0.15, 0.28, 0.18
HSL	27°, 39%, 70%
HSV	27°, 28%, 82%
XYZ	47.5217, 47.2016, 35.4603
YIQ	183.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

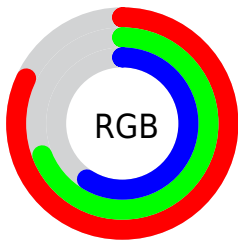
Format	Color
R_{YB}	209, 200, 150
Decimal	13742486
CIE Lab	74.32, 7.54, 18.12
CIE LCh	74, 19.626, 67.404
Yxy	47.2016, 0.3650, 0.3626
Android (android.graphics.Color)	4291932566 (0xFFD1B196)
YUV	183.4900, -16.5106, 22.3723
Hunter-Lab	68.7034, 3.2363, 17.4907

Details

The XYZ color **47.5217, 47.2016, 35.4603** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8139, 44.5422, 66.7683**, and the grayscale version is **45.3572, 47.7193, 51.9663**.

A 20% lighter version of the original color is **81.2780, 83.8975, 69.0368**, and **22.7862, 22.1862, 14.8858** is the 20% darker color. If you saturate the color by 10%, you get **43.8403, 42.2961, 26.6575**, and if you desaturate by 10%, it is **51.6917, 52.6035, 45.9079**.

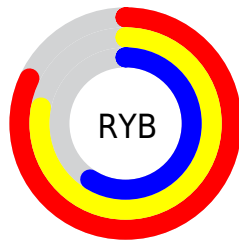
Distribution



Red (82%)

Green (69%)

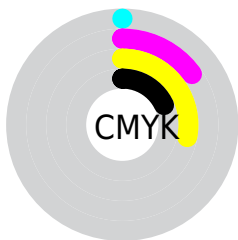
Blue (59%)



Red (82%)

Yellow (78%)

Blue (59%)

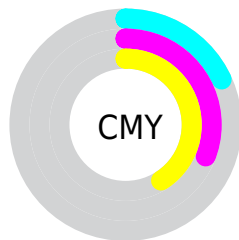


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5217, 47.2016, 35.4603 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 47.5217, 47.2016, 35.4603 by changing the saturation by 10% instead.


 47.5217, 47.2016,
35.4603


 47.5217, 47.2016,
35.4603


367.5073,
375.6187, 341.5612

 33.6579, 33.1951,
23.7313


 85.7058, 86.0145,
69.3579

 22.7926, 22.2759,
14.9240


 110.7569,
111.5896, 92.3635

 14.5603, 14.0598,
8.6201


140.2679,
141.7897, 119.9651

 8.5957, 8.1623,
4.4008

174.6040,
176.9991, 152.5812

 4.5334, 4.1989,
1.8477

214.1306,
217.6024, 190.6303

 2.0081, 1.7855,
0.4591

259.2132,

 0.6385, 0.4781,

263.9838, 234.5310

0.0000

310.2170,
316.5277, 284.7018

■ 0.0000, 0.0000,
0.0000

■ 47.5217, 47.2016,
35.4603

■ 47.5217, 47.2016,
35.4603

■ 43.8403, 42.2961,
26.6575

■ 51.6917, 52.6035,
45.9079

■ 40.6234, 37.8650,
19.4112

■ 56.3658, 58.5098,
58.0767

■ 37.8502, 33.8942,
13.6288

■ 61.5632, 64.9366,
72.0417

■ 35.4963, 30.3663,
9.2069

■ 67.3009, 71.8973,
87.8726

■ 33.5348, 27.2623,
6.0282

■ 73.5951, 79.4046,
105.6354

■ 31.9345, 24.5612,
3.9550

■ 77.0001, 86.0862,
107.1657

■ 30.6514, 22.2365,
2.7829

■ 80.1046, 92.2954,
108.2006

■ 30.4465, 21.8591,
2.6145

Harmonies

Analogous

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



50.4725, 47.2016, 40.4713



47.5217, 47.2016, 35.4603



43.9950, 47.2016, 34.4321

Triad

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



47.5217, 47.2016, 35.4603



38.4658, 47.2016, 53.9395



49.1128, 47.2016, 68.4284

Complementary

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



47.5217, 47.2016, 35.4603



40.8139, 44.5422, 66.7683

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.



45.7437, 47.2016, 73.1740



47.5217, 47.2016, 35.4603



39.6866, 47.2016, 64.1251

Square

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



47.5217, 47.2016, 35.4603



38.8863, 47.2016, 44.2835



42.3067, 47.2016, 71.5039



51.4242, 47.2016, 59.2287

Rectangle

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



47.5217, 47.2016, 35.4603



41.8126, 47.2016, 36.0009



42.3067, 47.2016, 71.5039



48.0597, 47.2016, 70.6489

Sweetspot

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



47.5229, 47.2038, 35.4613



88.5094, 91.8985, 91.3679



45.6914, 38.7646, 49.5748



18.6943, 19.3568, 18.8953



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.



47.5229, 47.2038, 35.4613



70.8875, 69.2015, 46.8136



53.8832, 59.9244, 37.5814



12.2481, 12.6869, 12.4153



18.8684, 13.6698, 1.6441



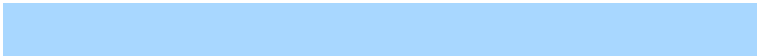
1.1339, 0.9221, 0.1182

Inverse Universe

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



40.8139, 44.5422, 66.7683



58.6438, 64.3406, 103.9359



35.4699, 33.8542, 64.9870



11.6872, 12.4647, 15.0336



10.8600, 10.3667, 38.6211



0.6861, 0.7373, 2.1857

Previews

White Background



This preview shows how the XYZ color 47.5217, 47.2016, 35.4603 looks on a white background.

Color Contrast Check

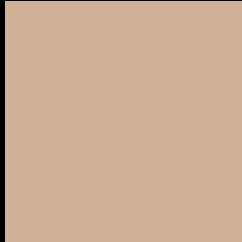
Large Text (above 18pt) WCAG AA × Fail

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 47.5217, 47.2016, 35.4603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

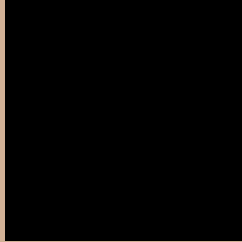
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5217, 47.2016, 35.4603

Background



This preview shows how black text looks on a background with the XYZ color 47.5217, 47.2016, 35.4603.



This preview shows how white text looks on a background with the XYZ color 47.5217, 47.2016,

35.4603.

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

47.5217, 47.2016, 35.4603

Protanopia

44.6756, 47.5043, 36.9516

Deuteranopia

48.1817, 47.2497, 35.4348



Tritanopia

50.9501, 47.1540, 52.3152

Trichromacy



Original Color

47.5217, 47.2016, 35.4603

Protanomaly

45.7446, 47.4569, 36.4549

Deuteranomaly

47.8943, 47.1016, 35.4214

Tritanomaly

49.7338, 47.2477, 45.5282

Monochromacy



Original Color

47.5217, 47.2016, 35.4603

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6128, 47.1945, 45.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5217, 47.2016, 35.4603 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(209, 177, 150)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 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(209, 177, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.5217, 47.2016, 35.4603 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(209, 177, 150) }
```


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

```
.border{ border-color:rgb(209, 177, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 177, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 150);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5217, 47.2016, 35.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 150) }
```

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

```
.background{ background-color: rgb(209,  
177, 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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