

Converting Colors

XYZ(47.3331, 46.5315, 34.9205)

Have a look what the booklet for
XYZ(47.3331, 46.5315, 34.9205)
contains.

XYZ(47.3331, 46.5315, 34.9205)	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(47.3331, 46.5315,
34.9205)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AF95
RGB	210, 175, 149
RGB Percent	82%, 69%, 58%
CMY	0.1765, 0.3137, 0.4157
CMYK	0.00, 0.17, 0.29, 0.18
HSL	26°, 40%, 70%
HSV	26°, 29%, 82%
XYZ	47.3331, 46.5315, 34.9205
YIQ	182.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

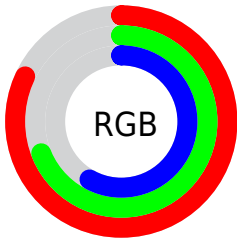
Format	Color
R _Y B	210, 194, 149
Decimal	13807509
CIE Lab	73.89, 8.87, 18.08
CIE LCh	74, 20.138, 63.878
Yxy	46.5315, 0.3675, 0.3613
Android (android.graphics.Color)	4291997589 (0xFFD2AF95)
YUV	182.5010, -16.5160, 24.1166
Hunter-Lab	68.2140, 4.4851, 17.3977

Details

The XYZ color **47.3331, 46.5315, 34.9205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1673, 45.3222, 67.5512**, and the grayscale version is **44.8139, 47.1477, 51.3438**.

A 20% lighter version of the original color is **80.5954, 82.7236, 68.2193**, and **22.8051, 22.0163, 14.6029** is the 20% darker color. If you saturate the color by 10%, you get **43.5644, 41.4396, 26.1251**, and if you desaturate by 10%, it is **51.6158, 52.1671, 45.3797**.

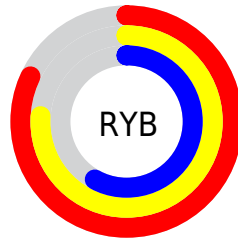
Distribution



Red (82%)

Green (69%)

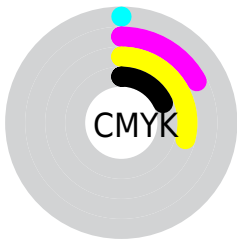
Blue (58%)



Red (82%)

Yellow (76%)

Blue (58%)

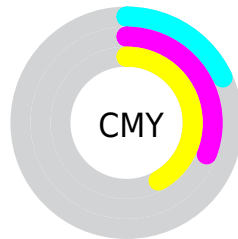


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3331, 46.5315, 34.9205 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 47.3331, 46.5315, 34.9205 by changing the saturation by 10% instead.


 47.3331, 46.5315,
34.9205


 47.3331, 46.5315,
34.9205


366.7693,
372.9414, 339.1109

 33.5081, 32.6654,
23.3186


 85.4263, 85.0139,
68.5128

 22.6771, 21.8703,
14.6214


 110.4253,
110.3990, 91.3402

 14.4746, 13.7616,
8.4105


139.8796,
140.3926, 118.7465

 8.5354, 7.9550,
4.2672

174.1547,
175.3790, 151.1503

 4.4941, 4.0662,
1.7730

213.6158,
215.7427, 188.9701

 1.9853, 1.7107,
0.4101

258.6284,

 0.6257, 0.4305,

261.8681, 232.6244

0.0000

309.5578,
314.1395, 282.5319

■ 0.0000, 0.0000,
0.0000

■ 47.3331, 46.5315,
34.9205

■ 47.3331, 46.5315,
34.9205

■ 43.5644, 41.4396,
26.1251

■ 51.6158, 52.1671,
45.3797

■ 40.2844, 36.8675,
18.9032

■ 56.4291, 58.3565,
57.5808

■ 37.4709, 32.7990,
13.1603

■ 61.7933, 65.1174,
71.6004

■ 35.0980, 29.2143,
8.7903

■ 67.7266, 72.4650,
87.5095

■ 33.1372, 26.0919,
5.6727

■ 74.2461, 80.4137,
105.3754

■ 31.5554, 23.4083,
3.6658

■ 77.9783, 87.6214,
107.4105

■ 30.3024, 21.1322,
2.5393

■ 80.3884, 92.4417,
108.2138

■ 30.1945, 20.9339,
2.4492

Harmonies

Analogous

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



50.2028, 46.5315, 40.4339



47.3331, 46.5315, 34.9205



43.7621, 46.5315, 33.4042

Triad

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



47.3331, 46.5315, 34.9205



37.6970, 46.5315, 52.0123



48.1833, 46.5315, 68.8945

Complementary

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



47.3331, 46.5315, 34.9205



41.1673, 45.3222, 67.5512

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.



44.6948, 46.5315, 73.0347



47.3331, 46.5315, 34.9205



38.7449, 46.5315, 62.4907

Square

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



47.3331, 46.5315, 34.9205



38.3195, 46.5315, 42.4572



41.2595, 46.5315, 70.5469



50.7120, 46.5315, 59.8676

Rectangle

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



47.3331, 46.5315, 34.9205



41.4936, 46.5315, 34.6660



41.2595, 46.5315, 70.5469



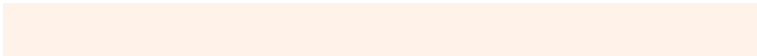
47.0774, 46.5315, 70.9554

Sweetspot

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



47.3343, 46.5336, 34.9215



87.5152, 90.4943, 89.2358



46.0391, 38.6822, 50.7089



18.4855, 19.0555, 18.4671



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.



47.3343, 46.5336, 34.9215



69.6448, 67.0935, 45.2359



53.8148, 59.4945, 37.0816



12.2171, 12.6250, 12.4050



18.5134, 12.9598, 1.5257



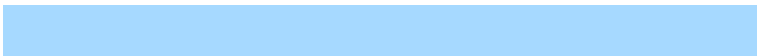
1.1131, 0.8805, 0.1113

Inverse Universe

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



41.1673, 45.3222, 67.5512



58.5241, 64.9012, 104.0504



35.5971, 34.1820, 65.6945



11.7187, 12.5276, 15.0441



11.3294, 11.3054, 38.7775



0.7113, 0.7878, 2.1941

Previews

White Background



This preview shows how the XYZ color 47.3331, 46.5315, 34.9205 looks on a white background.

Color Contrast Check

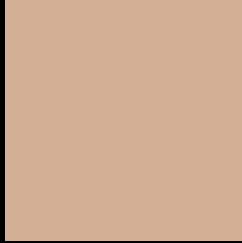
Large Text (above 18pt) WCAG AA × Fail

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 47.3331, 46.5315, 34.9205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

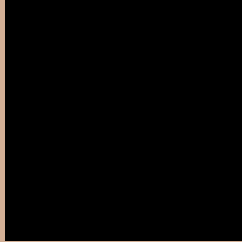
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3331, 46.5315, 34.9205

Background



This preview shows how black text looks on a background with the XYZ color 47.3331, 46.5315, 34.9205.



This preview shows how white text looks on a background with the XYZ color 47.3331, 46.5315,

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

47.3331, 46.5315, 34.9205

Protanopia

43.9296, 46.5212, 36.3699

Deuteranopia

47.6188, 46.6788, 34.9339



Tritanopia

50.6535, 46.4645, 51.0986

Trichromacy



Original Color

47.3331, 46.5315, 34.9205

Protanomaly

45.2592, 46.6167, 35.8907

Deuteranomaly

47.6188, 46.6788, 34.9339

Tritanomaly

49.5438, 46.5915, 44.9099

Monochromacy



Original Color

47.3331, 46.5315, 34.9205

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6643, 46.9202, 45.1778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3331, 46.5315, 34.9205 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(210, 175, 149)` looks like.

```
.text, #text, p{  
    color:rgb(210, 175, 149)  
}
```

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(210, 175, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 175, 149) }
```

Border

The CSS property to change the border of an element to XYZ 47.3331, 46.5315, 34.9205 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(210, 175, 149) }
```


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

```
.border{ border-color:rgb(210, 175, 149) }
```

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

Here you see how a box with a 4 pixel rgb(210, 175, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 175, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 175, 149);  
box-shadow:4px 4px 4px 4px rgb(210, 175,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3331, 46.5315, 34.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 175, 149) }
```

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

```
.background{ background-color: rgb(210,  
175, 149) }
```

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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