

Converting Colors

XYZ(45.9761, 43.4045, 31.8627)

Have a look what the booklet for
XYZ(45.9761, 43.4045, 31.8627)
contains.

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Color

**XYZ(46.0347, 43.4017,
31.9377)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D5A68F |
| RGB | 213, 166, 143 |
| RGB Percent | 84%, 65%, 56% |
| CMY | 0.1647, 0.3490, 0.4392 |
| CMYK | 0.00, 0.22, 0.33, 0.16 |
| HSL | 20°, 45%, 70% |
| HSV | 20°, 33%, 84% |
| XYZ | 46.0347, 43.4017, 31.9377 |
| YIQ | 177.4310, 35.3950, 2.8110 |

Conversions

Conversions Part 2

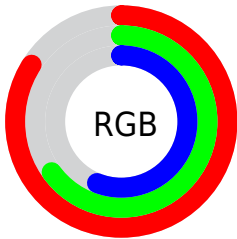
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 213, 177, 143 |
| Decimal | 14001807 |
| CIE Lab | 71.83, 14.10, 18.54 |
| CIE LCh | 72, 23.291, 52.749 |
| Yxy | 43.4017, 0.3793, 0.3576 |
| Android (android.graphics.Color) | 4292191887 (0xFFD5A68F) |
| YUV | 177.4310, -16.9745, 31.1940 |
| Hunter-Lab | 65.8800, 9.4398, 17.3730 |

Details

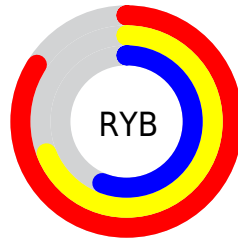
The XYZ color **46.0347, 43.4017, 31.9377** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7508, 47.4692, 69.9128**, and the grayscale version is **42.0911, 44.2831, 48.2243**.

A 20% lighter version of the original color is **77.1745, 77.0041, 63.6191**, and **21.8977, 19.9930, 13.0608** is the 20% darker color. If you saturate the color by 10%, you get **42.1154, 37.9048, 23.4121**, and if you desaturate by 10%, it is **50.5517, 49.6034, 42.1749**.

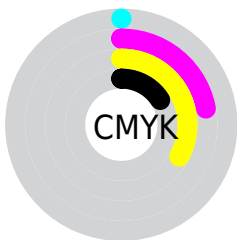
Distribution



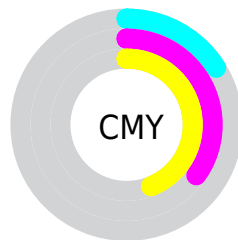
- Red (84%)
- Green (65%)
- Blue (56%)



- Red (84%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0347, 43.4017, 31.9377 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 46.0347, 43.4017, 31.9377 by changing the saturation by 10% instead.


 46.0347, 43.4017,
31.9377


 46.0347, 43.4017,
31.9377


361.6617,
360.2612, 325.3193

 32.4779, 30.2004,
21.0495


 83.4985, 80.3167,
63.8102

 21.8841, 19.9908,
12.9686


 108.1362,
104.7992, 85.6315

 13.8879, 12.3883,
7.2764


137.1983,
133.8109, 111.9344

 8.1239, 7.0087,
3.5545

171.0501,
167.7362, 143.1372

 4.2268, 3.4676,
1.3843

210.0570,
206.9595, 179.6586

 1.8312, 1.3804,
0.1294

254.5843,

 0.5364, 0.2022,

251.8651, 221.9170

0.0000

304.9975,
302.8376, 270.3311

0.0000, 0.0000,
0.0000

46.0347, 43.4017,
31.9377

46.0347, 43.4017,
31.9377

42.1154, 37.9048,
23.4121

50.5517, 49.6034,
42.1749

38.7637, 33.0807,
16.5009

55.6881, 56.5281,
54.2085

35.9516, 28.9041,
11.1007

61.4684, 64.2010,
68.1206

33.6471, 25.3453,
7.0953

67.9149, 72.6442,
83.9878

31.8145, 22.3721,
4.3509

75.0487, 81.8788,
101.8819

■ 30.4119, 19.9485,
2.7071

■ 80.2401, 90.8652,
107.9174

■ 29.6307, 18.5263,
2.0142

■ 81.2506, 92.8862,
108.2542

Harmonies

Analogous

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



48.6798, 43.4017, 39.3161



46.0347, 43.4017, 31.9377



42.2205, 43.4017, 28.7578

Triad

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



46.0347, 43.4017, 31.9377



34.1503, 43.4017, 44.5579



44.2670, 43.4017, 70.3546

Complementary

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



46.0347, 43.4017, 31.9377



41.7508, 47.4692, 69.9128

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.



40.2985, 43.4017, 72.3578



46.0347, 43.4017, 31.9377



34.6210, 43.4017, 56.2011

Square

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



46.0347, 43.4017, 31.9377



35.4831, 43.4017, 35.2483



36.8126, 43.4017, 66.8269



47.6145, 43.4017, 61.7237

Rectangle

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



46.0347, 43.4017, 31.9377



39.5944, 43.4017, 29.0194



36.8126, 43.4017, 66.8269



42.9553, 43.4017, 71.8763

Sweetspot

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



46.0358, 43.4037, 31.9386



85.9924, 88.0244, 86.9534



46.6490, 37.5458, 53.9828



18.1507, 18.5006, 18.0020



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.



46.0358, 43.4037, 31.9386



65.2356, 59.7110, 39.3401



53.0916, 57.5153, 34.2905



12.7533, 13.0808, 13.0134



18.1832, 11.4837, 1.2582



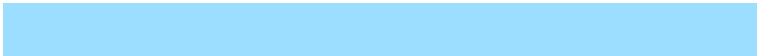
1.1714, 0.8419, 0.1008

Inverse Universe

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



41.7508, 47.4692, 69.9128



57.8790, 66.6545, 104.4228



35.1989, 34.3653, 67.7289



12.4323, 13.3880, 15.8664



13.4333, 15.1284, 40.6652



0.8844, 1.0608, 2.4775

Previews

White Background



This preview shows how the XYZ color 46.0347, 43.4017, 31.9377 looks on a white background.

Color Contrast Check

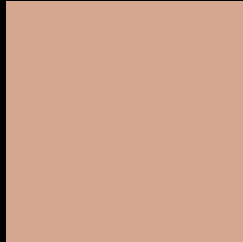
Large Text (above 18pt) WCAG AA × Fail

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 46.0347, 43.4017, 31.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

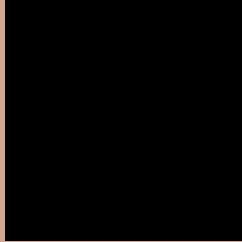
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0347, 43.4017, 31.9377

Background



This preview shows how black text looks on a background with the XYZ color 46.0347, 43.4017, 31.9377.



This preview shows how white text looks on a background with the XYZ color 46.0347, 43.4017,

31.9377.

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

46.0347, 43.4017, 31.9377

Protanopia

41.1203, 43.6279, 34.2707

Deuteranopia

44.2473, 43.3081, 31.6184



Tritanopia

48.8792, 43.4956, 45.8637

Trichromacy



Original Color

46.0347, 43.4017, 31.9377

Protanomaly

42.7058, 43.3161, 33.3041

Deuteranomaly

44.8975, 43.3682, 31.5957

Tritanomaly

47.7324, 43.2858, 40.4896

Monochromacy



Original Color

46.0347, 43.4017, 31.9377

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.9703, 43.5509, 41.7387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0347, 43.4017, 31.9377 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(213, 166, 143)` looks like.

```
.text, #text, p{  
    color:rgb(213, 166, 143)  
}
```

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(213, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 166, 143) }
```

Border

The CSS property to change the border of an element to XYZ 46.0347, 43.4017, 31.9377 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(213, 166, 143) }
```


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

```
.border{ border-color:rgb(213, 166, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 166, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(213, 166,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0347, 43.4017, 31.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 166, 143) }
```

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

```
.background{ background-color: rgb(213,  
166, 143) }
```

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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