

Converting Colors

XYZ(46.8254, 43.6184, 40.6016)

Have a look what the booklet for
XYZ(46.8254, 43.6184, 40.6016)
contains.

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Color

**XYZ(46.8254, 43.6184,
40.6016)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A6A3
RGB	210, 166, 163
RGB Percent	82%, 65%, 64%
CMY	0.1765, 0.3490, 0.3608
CMYK	0.00, 0.21, 0.22, 0.18
HSL	4°, 34%, 73%
HSV	4°, 22%, 82%
XYZ	46.8254, 43.6184, 40.6016
YIQ	178.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

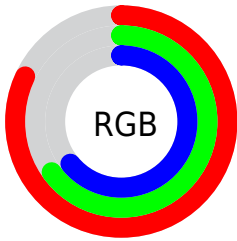
Format	Color
R _Y B	210, 166, 163
Decimal	13805219
CIE Lab	71.97, 15.70, 7.72
CIE LCh	72, 17.501, 26.186
Yxy	43.6184, 0.3573, 0.3328
Android (android.graphics.Color)	4291995299 (0xFFD2A6A3)
YUV	178.8140, -7.7963, 27.3501
Hunter-Lab	66.0442, 10.9792, 9.7816

Details

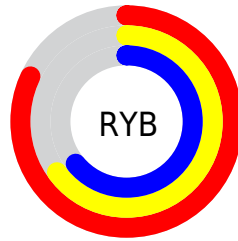
The XYZ color **46.8254, 43.6184, 40.6016** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0494, 57.0638, 69.4022**, and the grayscale version is **42.7797, 45.0076, 49.0133**.

A 20% lighter version of the original color is **79.7513, 78.0349, 77.1886**, and **22.4041, 20.1509, 17.7476** is the 20% darker color. If you saturate the color by 10%, you get **41.7935, 36.3197, 30.3993**, and if you desaturate by 10%, it is **52.7183, 52.1384, 52.6333**.

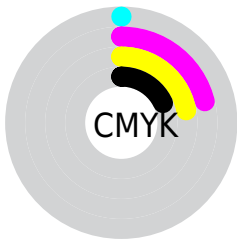
Distribution



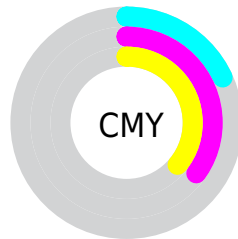
- Red (82%)
- Green (65%)
- Blue (64%)



- Red (82%)
- Yellow (65%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8254, 43.6184, 40.6016 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 46.8254, 43.6184, 40.6016 by changing the saturation by 10% instead.


 46.8254, 43.6184,
40.6016


 46.8254, 43.6184,
40.6016


364.7777,
361.1488, 364.2800

 33.1050, 30.3706,
27.6906


 84.6733, 80.6432,
77.3258

 22.3665, 20.1201,
17.8555


 109.5315,
105.1891, 101.9761

 14.2446, 12.4824,
10.6779


138.8330,
134.2697, 131.3765

 8.3738, 7.0731,
5.7393

172.9432,
168.2695, 165.9456

 4.3889, 3.5078,
2.6210

212.2274,
207.5730, 206.1020

 1.9244, 1.4023,
0.9033

257.0510,

 0.5910, 0.2184,

252.5644, 252.2642

0.0000

307.7793,
303.6282, 304.8506

0.0000, 0.0000,
0.0000

46.8254, 43.6184,
40.6016

46.8254, 43.6184,
40.6016

41.7935, 36.3197,
30.3993

52.7183, 52.1384,
52.6333

37.5790, 30.1808,
21.9344

59.5062, 61.9259,
66.5751

34.1397, 25.1438,
15.1108

67.2256, 73.0317,
82.5059

31.4283, 21.1433,
9.8220

75.9098, 85.5023,
100.4996

29.3922, 18.1072,
5.9490

80.3884, 92.4417,
108.2139

■ 27.9717, 15.9539,
3.3555

■ 27.0968, 14.5887,
1.8780

■ 26.7278, 14.0004,
1.2936

Harmonies

Analogous

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



47.4533, 43.6184, 48.5951



46.8254, 43.6184, 40.6016



44.7352, 43.6184, 35.1018

Triad

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



46.8254, 43.6184, 40.6016



36.8693, 43.6184, 38.9192



41.0773, 43.6184, 65.8572

Complementary

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



46.8254, 43.6184, 40.6016



49.0494, 57.0638, 69.4022

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.



38.3449, 43.6184, 62.5031



46.8254, 43.6184, 40.6016



35.9901, 43.6184, 46.4078

Square

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



46.8254, 43.6184, 40.6016



38.9761, 43.6184, 34.2153



36.5172, 43.6184, 55.1232



44.0430, 43.6184, 63.8257

Rectangle

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



46.8254, 43.6184, 40.6016



42.8438, 43.6184, 33.2508



36.5172, 43.6184, 55.1232



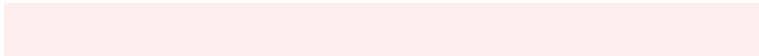
40.1024, 43.6184, 65.3127

Sweetspot

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



46.8266, 43.6204, 40.6025



87.2073, 88.7018, 92.7606



51.0181, 44.4334, 65.3368



18.5284, 18.7875, 19.5720



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.



46.8266, 43.6204, 40.6025



68.6518, 61.8774, 54.8632



51.3549, 52.6771, 42.1120



11.8685, 11.9278, 12.2888



16.3293, 8.5916, 0.7977



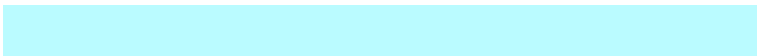
0.9348, 0.5239, 0.0519

Inverse Universe

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



49.0494, 57.0638, 69.4022



72.7084, 86.4223, 107.4568



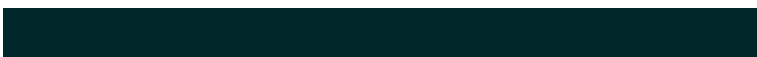
43.9093, 46.7835, 67.6889



12.0910, 13.2722, 15.1682



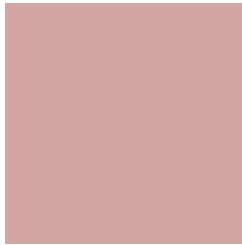
19.2450, 27.1366, 41.4161



1.0960, 1.5573, 2.3224

Previews

White Background



This preview shows how the XYZ color 46.8254, 43.6184, 40.6016 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 46.8254, 43.6184, 40.6016 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 46.8254, 43.6184, 40.6016

Background



This preview shows how black text looks on a background with the XYZ color 46.8254, 43.6184, 40.6016.



This preview shows how white text looks on a background with the XYZ color 46.8254, 43.6184,

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

46.8254, 43.6184, 40.6016

Protanopia

41.8846, 43.8229, 43.2969

Deuteranopia

44.4495, 43.5002, 40.2361



Tritanopia

48.3626, 43.7223, 47.4852

Trichromacy



Original Color

46.8254, 43.6184, 40.6016

Protanomaly

43.3737, 43.4647, 42.1799

Deuteranomaly

45.3382, 43.6811, 40.2241

Tritanomaly

47.7655, 43.7377, 44.9544

Monochromacy



Original Color

46.8254, 43.6184, 40.6016

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.9141, 44.2364, 45.7591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8254, 43.6184, 40.6016 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, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(210, 166, 163)  
}
```

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, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 166, 163) }
```

Border

The CSS property to change the border of an element to XYZ 46.8254, 43.6184, 40.6016 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, 166, 163) }
```


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

```
.border{ border-color:rgb(210, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(210, 166,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8254, 43.6184, 40.6016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 166, 163) }
```

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

```
.background{ background-color: rgb(210,  
166, 163) }
```

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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