

Converting Colors

XYZ(46.3796, 43.0064, 39.5758)

Have a look what the booklet for
XYZ(46.3796, 43.0064, 39.5758)
contains.

XYZ(46.4665, 43.1851, 39.6047)	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(46.4665, 43.1851,
39.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A5A1
RGB	210, 165, 161
RGB Percent	82%, 65%, 63%
CMY	0.1765, 0.3529, 0.3686
CMYK	0.00, 0.21, 0.23, 0.18
HSL	5°, 35%, 73%
HSV	5°, 23%, 82%
XYZ	46.4665, 43.1851, 39.6047
YIQ	177.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

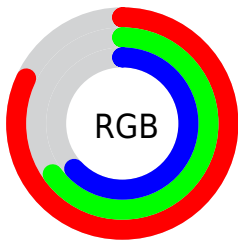
Format	Color
R_{YB}	210, 165, 161
Decimal	13804961
CIE _{Lab}	71.68, 15.95, 8.41
CIE _{LCh}	72, 18.033, 27.788
Yxy	43.1851, 0.3595, 0.3341
Android (android.graphics.Color)	4291995041 (0xFFD2A5A1)
YUV	177.9990, -8.3805, 28.0649
Hunter-Lab	65.7154, 11.2132, 10.2684

Details

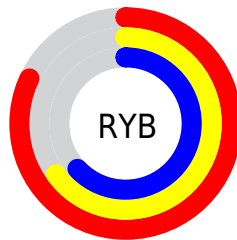
The XYZ color **46.4665, 43.1851, 39.6047** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4016, 56.3713, 69.3028**, and the grayscale version is **42.3499, 44.5554, 48.5208**.

A 20% lighter version of the original color is **79.2279, 77.4043, 75.7305**, and **22.2372, 19.9046, 17.4218** is the 20% darker color. If you saturate the color by 10%, you get **41.5481, 36.0671, 29.5832**, and if you desaturate by 10%, it is **52.2227, 51.4804, 51.4409**.

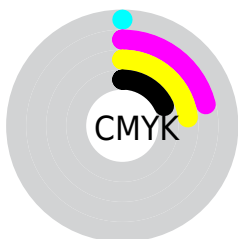
Distribution



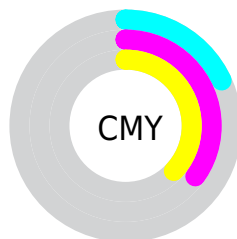
- Red (82%)
- Green (65%)
- Blue (63%)



- Red (82%)
- Yellow (65%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4665, 43.1851, 39.6047 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 46.4665, 43.1851, 39.6047 by changing the saturation by 10% instead.


 46.4665, 43.1851,
39.6047


 46.4665, 43.1851,
39.6047


363.3655,
359.3724, 359.9570

 32.8203, 30.0304,
26.9190


 84.1403, 79.9901,
75.7917

 22.1474, 19.8616,
17.2805


 108.8986,
104.4092, 100.1301

 14.0824, 12.2945,
10.2706


138.0917,
133.3518, 129.1898

 8.2601, 6.9446,
5.4708

172.0848,
167.2024, 163.3893

 4.3150, 3.4275,
2.4625

211.2435,
206.3454, 203.1473

 1.8819, 1.3588,
0.8202

255.9329,

 0.5663, 0.1860,

251.1651, 248.8822

0.0000

306.5185,
302.0460, 301.0126

0.0000, 0.0000,
0.0000

46.4665, 43.1851,
39.6047

46.4665, 43.1851,
39.6047

41.5481, 36.0671,
29.5832

52.2227, 51.4804,
51.4409

37.4252, 30.0674,
21.2842

58.8497, 60.9967,
65.1725

34.0568, 25.1309,
14.6113

66.3828, 71.7827,
80.8787

31.3971, 21.1955,
9.4577

74.8543, 83.8828,
98.6330

29.3950, 18.1926,
5.7037

80.3885, 92.4417,
108.2139

■ 27.9928, 16.0449,
3.2118

■ 27.1225, 14.6628,
1.8162

■ 26.7814, 14.1076,
1.3115

Harmonies

Analogous

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



47.2016, 43.1851, 47.6737



46.4665, 43.1851, 39.6047



44.2584, 43.1851, 34.1729

Triad

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



46.4665, 43.1851, 39.6047



36.2730, 43.1851, 38.6099



40.8198, 43.1851, 65.9193

Complementary

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



46.4665, 43.1851, 39.6047



48.4016, 56.3713, 69.3028

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.



37.9932, 43.1851, 62.7433



46.4665, 43.1851, 39.6047



35.4506, 43.1851, 46.3748

Square

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



46.4665, 43.1851, 39.6047



38.3675, 43.1851, 33.6506



36.0646, 43.1851, 55.3103



43.8467, 43.1851, 63.5337

Rectangle

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



46.4665, 43.1851, 39.6047



42.3015, 43.1851, 32.4181



36.0646, 43.1851, 55.3103



39.8158, 43.1851, 65.4592

Sweetspot

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



46.4677, 43.1871, 39.6056



87.3000, 88.8873, 92.7915



50.5535, 43.6838, 64.6284



18.5498, 18.8303, 19.5792



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.



46.4677, 43.1871, 39.6056



68.1410, 61.2863, 53.3659



51.1592, 52.5702, 41.1694



11.8853, 11.9612, 12.2944



16.3661, 8.6653, 0.8100



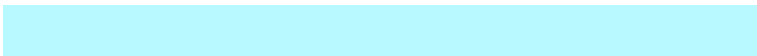
0.9427, 0.5397, 0.0545

Inverse Universe

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



48.4016, 56.3713, 69.3028



71.6483, 85.2148, 107.2796



43.1071, 45.7823, 67.5380



12.0723, 13.2349, 15.1620



18.7420, 26.1307, 41.2484



1.0729, 1.5110, 2.3147

Previews

White Background



This preview shows how the XYZ color 46.4665, 43.1851, 39.6047 looks on a white background.

Color Contrast Check

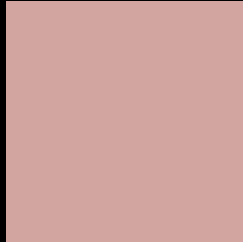
Large Text (above 18pt) WCAG AA × Fail

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 46.4665, 43.1851, 39.6047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

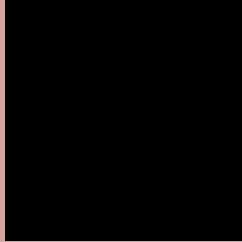
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4665, 43.1851, 39.6047

Background



This preview shows how black text looks on a background with the XYZ color 46.4665, 43.1851, 39.6047.



This preview shows how white text looks on a background with the XYZ color 46.4665, 43.1851,

39.6047.

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

46.4665, 43.1851, 39.6047

Protanopia

41.2690, 43.2369, 42.2468

Deuteranopia

44.2731, 43.4296, 39.3070



Tritanopia

47.9864, 43.2866, 46.3834

Trichromacy



Original Color

46.4665, 43.1851, 39.6047

Protanomaly

43.0020, 43.0126, 41.1578

Deuteranomaly

44.9764, 43.2398, 39.2333

Tritanomaly

47.3951, 43.3021, 43.8904

Monochromacy



Original Color

46.4665, 43.1851, 39.6047

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.6252, 43.8128, 45.1872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4665, 43.1851, 39.6047 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, 165, 161) looks like.

```
.text, #text, p{  
    color:rgb(210, 165, 161)  
}
```

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, 165, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 165, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.4665, 43.1851, 39.6047 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, 165, 161) }
```


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

```
.border{ border-color:rgb(210, 165, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 165, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 165, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 165, 161);  
box-shadow:4px 4px 4px 4px rgb(210, 165,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4665, 43.1851, 39.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 165, 161) }
```

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

```
.background{ background-color: rgb(210,  
165, 161) }
```

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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