

Converting Colors

XYZ(45.6596, 41.5640, 46.1736)

Have a look what the booklet for
XYZ(45.6596, 41.5640, 46.1736)
contains.

XYZ(45.6596, 41.5640, 46.1736)	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(45.6596, 41.5640,
46.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA1AF
RGB	205, 161, 175
RGB Percent	80%, 63%, 69%
CMY	0.1961, 0.3686, 0.3137
CMYK	0.00, 0.21, 0.15, 0.20
HSL	341°, 31%, 72%
HSV	341°, 21%, 80%
XYZ	45.6596, 41.5640, 46.1736
YIQ	175.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

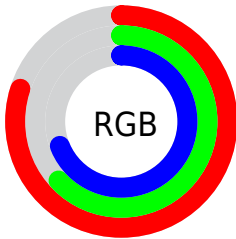
Format	Color
R_{YB}	205, 161, 175
Decimal	13476271
CIE Lab	70.57, 18.45, -1.00
CIE LCh	71, 18.476, 356.892
Yxy	41.5640, 0.3423, 0.3116
Android (android.graphics.Color)	4291666351 (0xFFCDA1AF)
YUV	175.7520, -0.3707, 25.6505
Hunter-Lab	64.4701, 13.5960, 2.6655

Details

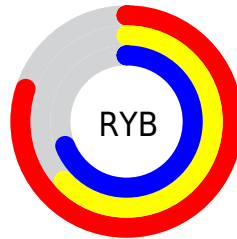
The XYZ color **45.6596, 41.5640, 46.1736** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9349, 55.0024, 57.4884**, and the grayscale version is **41.1326, 43.2747, 47.1262**.

A 20% lighter version of the original color is **80.0788, 76.0849, 85.3282**, and **21.6215, 18.8514, 21.2380** is the 20% darker color. If you saturate the color by 10%, you get **41.0641, 34.4573, 38.2153**, and if you desaturate by 10%, it is **50.9869, 49.9060, 55.0780**.

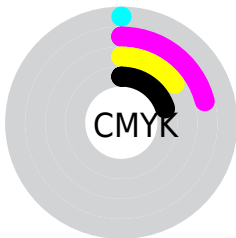
Distribution



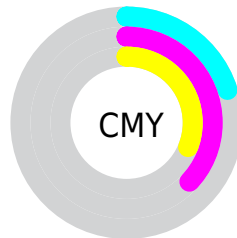
- Red (80%)
- Green (63%)
- Blue (69%)



- Red (80%)
- Yellow (63%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (20%)





- Cyan (20%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6596, 41.5640, 46.1736 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 45.6596, 41.5640, 46.1736 by changing the saturation by 10% instead.

 45.6596, 41.5640,
46.1736


 45.6596, 41.5640,
46.1736


360.1774,
352.6724, 387.8040

 32.1808, 28.7600,
32.0332


 82.9403, 77.5393,
85.8158

 21.6558, 18.8994,
21.1218

 107.4729,
101.4795, 112.1546

 13.7194, 11.5976,
13.0210


136.4208,
129.9005, 143.3966

 8.0062, 6.4703,
7.3121

170.1494,
163.1868, 179.9604

 4.1507, 3.1331,
3.5766

209.0240,
201.7227, 222.2645

 1.7878, 1.2016,
1.3961

253.4099,

 0.5103, 0.0630,

245.8927, 270.7274

0.1387

303.6726,
296.0811, 325.7678

■ 0.0000, 0.0000,
0.0000

■ 45.6596, 41.5640,
46.1736

■ 45.6596, 41.5640,
46.1736

■ 41.0641, 34.4573,
38.2153

■ 50.9869, 49.9060,
55.0780

■ 37.1640, 28.5213,
31.1684

■ 57.0733, 59.5325,
64.9566

■ 33.9251, 23.6941,
24.9995

■ 63.9489, 70.4970,
75.8392

■ 31.3084, 19.9059,
19.6724

■ 71.6410, 82.8483,
87.7538

■ 29.2711, 17.0786,
15.1477

■ 77.4023, 91.0853,
99.8026

■ 27.7643, 15.1233,
11.3828

■ 78.9871, 91.7193,
108.1483

■ 26.7304, 13.9339,
8.3300

■ 26.1375, 13.3634,
6.2357

Harmonies

Analogous

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



44.6276, 41.5640, 55.0711



45.6596, 41.5640, 46.1736



44.9737, 41.5640, 38.0721

Triad

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



45.6596, 41.5640, 46.1736



36.9100, 41.5640, 31.8608



36.3858, 41.5640, 60.8442

Complementary

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



45.6596, 41.5640, 46.1736



45.9349, 55.0024, 57.4884

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.



34.4993, 41.5640, 53.2914



45.6596, 41.5640, 46.1736



34.7908, 41.5640, 36.6827

Square

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



45.6596, 41.5640, 46.1736



39.8244, 41.5640, 30.4631



33.9305, 41.5640, 44.3509



39.1880, 41.5640, 64.1979

Rectangle

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



45.6596, 41.5640, 46.1736



43.6529, 41.5640, 34.0617



33.9305, 41.5640, 44.3509



35.6292, 41.5640, 58.6683

Sweetspot

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



45.6608, 41.5659, 46.1745



88.7273, 89.9699, 98.7298



45.0844, 40.8897, 63.2745



18.8501, 19.0339, 20.9031



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.



45.6608, 41.5659, 46.1745



70.9801, 62.1690, 69.0956



45.6756, 43.6827, 39.7447



11.3569, 11.2715, 12.4142



16.3099, 8.3346, 4.0847



0.8760, 0.4438, 0.3927

Inverse Universe

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



45.6608, 41.5659, 46.1745



70.9801, 62.1690, 69.0956



45.8368, 52.2220, 65.4222



11.3569, 11.2715, 12.4142



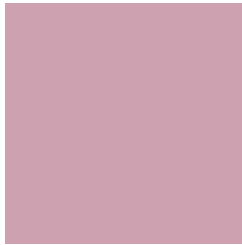
16.3099, 8.3346, 4.0847



0.8760, 0.4438, 0.3927

Previews

White Background



This preview shows how the XYZ color 45.6596, 41.5640, 46.1736 looks on a white background.

Color Contrast Check

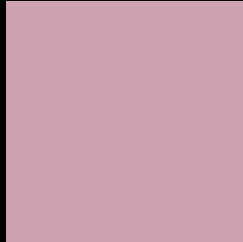
Large Text (above 18pt) WCAG AA × Fail

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 45.6596, 41.5640, 46.1736 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 45.6596, 41.5640, 46.1736

Background



This preview shows how black text looks on a background with the XYZ color 45.6596, 41.5640, 46.1736.



This preview shows how white text looks on a background with the XYZ color 45.6596, 41.5640,

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

45.6596, 41.5640, 46.1736

Protanopia

40.3266, 41.7255, 49.6444

Deuteranopia

42.4450, 41.5122, 45.8200



Tritanopia

45.5617, 41.5249, 45.6581

Trichromacy



Original Color

45.6596, 41.5640, 46.1736

Protanomaly

42.1469, 41.5742, 48.4511

Deuteranomaly

43.6008, 41.5684, 45.7699

Tritanomaly

45.5617, 41.5249, 45.6581

Monochromacy



Original Color

45.6596, 41.5640, 46.1736

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.8929, 42.8252, 47.0797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6596, 41.5640, 46.1736 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(205, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(205, 161, 175)  
}
```

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(205, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 161, 175) }
```

Border

The CSS property to change the border of an element to XYZ 45.6596, 41.5640, 46.1736 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(205, 161, 175) }
```


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

```
.border{ border-color:rgb(205, 161, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(205, 161,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6596, 41.5640, 46.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 161, 175) }
```

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

```
.background{ background-color: rgb(205,  
161, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor