

Converting Colors

XYZ(44.0566, 41.7806, 46.8167)

Have a look what the booklet for
XYZ(44.0566, 41.7806, 46.8167)
contains.

XYZ(44.0566, 41.7806, 46.8167)	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(44.0566, 41.7806,
46.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A5B0
RGB	196, 165, 176
RGB Percent	77%, 65%, 69%
CMY	0.2314, 0.3529, 0.3098
CMYK	0.00, 0.16, 0.10, 0.23
HSL	339°, 21%, 71%
HSV	339°, 16%, 77%
XYZ	44.0566, 41.7806, 46.8167
YIQ	175.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

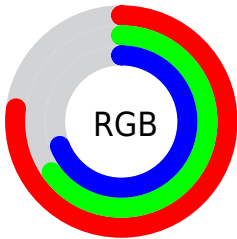
Format	Color
RYB	196, 165, 176
Decimal	12887472
CIELab	70.72, 13.16, -1.44
CIElCh	71, 13.243, 353.769
Yxy	41.7806, 0.3321, 0.3150
Android (android.graphics.Color)	4291077552 (0xFFC4A5B0)
YUV	175.5230, 0.2352, 17.9583
Hunter-Lab	64.6379, 8.5476, 2.3033

Details

The XYZ color **44.0566, 41.7806, 46.8167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0156, 50.9832, 53.4224**, and the grayscale version is **41.0130, 43.1489, 46.9891**.

A 20% lighter version of the original color is **80.6667, 77.8952, 87.1276**, and **20.6985, 19.0163, 21.6484** is the 20% darker color. If you saturate the color by 10%, you get **39.5952, 34.7676, 39.4410**, and if you desaturate by 10%, it is **49.1787, 49.9275, 54.9889**.

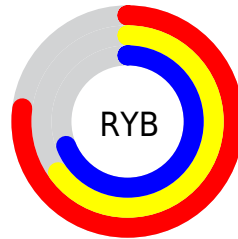
Distribution



Red (77%)

Green (65%)

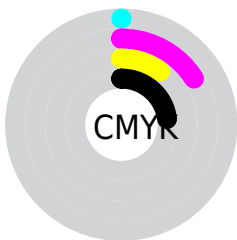
Blue (69%)



Red (77%)

Yellow (65%)

Blue (69%)

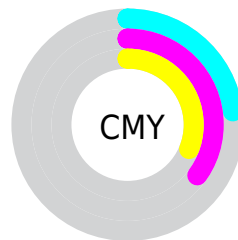


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0566, 41.7806, 46.8167 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 44.0566, 41.7806, 46.8167 by changing the saturation by 10% instead.


 44.0566, 41.7806,
46.8167


 44.0566, 41.7806,
46.8167


353.7875,
353.5726, 390.4550

 30.9131, 28.9295,
32.5375


 80.5487, 77.8675,
86.7871

 20.6842, 19.0275,
21.5041


 104.6281,
101.8721, 113.3153

 13.0045, 11.6902,
13.2982


133.0834,
130.3633, 144.7636

 7.5087, 6.5331,
7.5011

166.2801,
163.7255, 181.5504

 3.8313, 3.1718,
3.6942

204.5835,
202.3432, 224.0945

 1.6072, 1.2221,
1.4591

248.3590,

 0.3971, 0.0796,

246.6007, 272.8142

0.1872

297.9719,
296.8823, 328.1282

■ 0.0000, 0.0000,
0.0000

■ 44.0566, 41.7806,
46.8167

■ 44.0566, 41.7806,
46.8167

■ 39.5952, 34.7676,
39.4410

■ 49.1787, 49.9275,
54.9889

■ 35.7633, 28.8325,
32.8342

■ 54.9841, 59.2500,
63.9785

■ 32.5322, 23.9229,
26.9709

■ 61.4986, 69.7944,
73.8092

■ 29.8697, 19.9797,
21.8233

■ 68.7455, 81.6031,
84.5028

■ 27.7402, 16.9377,
17.3616

■ 74.1399, 89.5018,
95.2110

■ 26.1041, 14.7238,
13.5535

■ 76.0771, 90.2767,
105.4121

■ 24.9156, 13.2530,
10.3637

■ 76.5753, 90.4759,
108.0354

■ 24.1184, 12.4196,
7.7518

■ 23.8561, 12.1723,
6.8097

Harmonies

Analogous

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



43.2141, 41.7806, 53.0172



44.0566, 41.7806, 46.8167



43.7006, 41.7806, 40.7918

Triad

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



44.0566, 41.7806, 46.8167



38.0342, 41.7806, 35.3017



37.2684, 41.7806, 55.9559

Complementary

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



44.0566, 41.7806, 46.8167



44.0156, 50.9832, 53.4224

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.



35.9723, 41.7806, 50.5400



44.0566, 41.7806, 46.8167



36.4029, 41.7806, 38.7148

Square

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



44.0566, 41.7806, 46.8167



40.1711, 41.7806, 34.5023



35.6614, 41.7806, 44.1925



39.2548, 41.7806, 58.5978

Rectangle

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



44.0566, 41.7806, 46.8167



42.8379, 41.7806, 37.6319



35.6614, 41.7806, 44.1925



36.7405, 41.7806, 54.3767

Sweetspot

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



44.0578, 41.7825, 46.8176



89.8201, 91.6146, 100.7617



43.3397, 41.1665, 57.8869



19.0734, 19.3666, 21.3289



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.



44.0578, 41.7825, 46.8176



76.8630, 71.0355, 79.9953



43.7707, 42.8798, 41.5691



10.2175, 10.1356, 11.2359



15.3658, 7.8361, 4.5726



0.6969, 0.3518, 0.3714

Inverse Universe

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



44.0578, 41.7825, 46.8176



76.8630, 71.0355, 79.9953



44.3027, 49.6268, 59.4692



10.2175, 10.1356, 11.2359



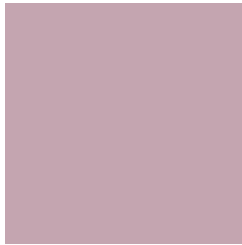
15.3658, 7.8361, 4.5726



0.6969, 0.3518, 0.3714

Previews

White Background



This preview shows how the XYZ color 44.0566, 41.7806, 46.8167 looks on a white background.

Color Contrast Check

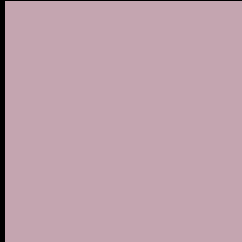
Large Text (above 18pt) WCAG AA × Fail

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 44.0566, 41.7806, 46.8167 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

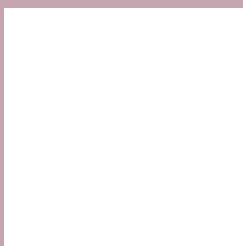
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0566, 41.7806, 46.8167

Background



This preview shows how black text looks on a background with the XYZ color 44.0566, 41.7806, 46.8167.



This preview shows how white text looks on a background with the XYZ color 44.0566, 41.7806,

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

44.0566, 41.7806, 46.8167

Protanopia

40.4463, 41.7990, 49.1163

Deuteranopia

42.7268, 41.9192, 46.3967



Tritanopia

44.2560, 41.8604, 47.8668

Trichromacy



Original Color

44.0566, 41.7806, 46.8167

Protanomaly

41.6161, 41.5757, 48.4793

Deuteranomaly

43.2948, 41.9390, 46.3706

Tritanomaly

44.1559, 41.8204, 47.3398

Monochromacy



Original Color

44.0566, 41.7806, 46.8167

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.1174, 42.7069, 47.0977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0566, 41.7806, 46.8167 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(196, 165, 176)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 176)  
}
```

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(196, 165, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.0566, 41.7806, 46.8167 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(196, 165, 176) }
```


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

```
.border{ border-color:rgb(196, 165, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 165, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 176);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0566, 41.7806, 46.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 176) }
```

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

```
.background{ background-color: rgb(196,  
165, 176) }
```

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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