

Converting Colors

XYZ(46.5237, 40.8684, 40.0866)

Have a look what the booklet for
XYZ(46.5237, 40.8684, 40.0866)
contains.

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Color

**XYZ(46.5237, 40.8684,
40.0866)**

Conversions

Conversions Part 1

Format	Color
Hex	D79CA3
RGB	215, 156, 163
RGB Percent	84%, 61%, 64%
CMY	0.1569, 0.3882, 0.3608
CMYK	0.00, 0.27, 0.24, 0.16
HSL	353°, 42%, 73%
HSV	353°, 27%, 84%
XYZ	46.5237, 40.8684, 40.0866
YIQ	174.4390, 32.9170, 14.6850

Conversions

Conversions Part 2

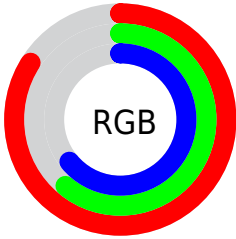
Format	Color
R _Y B	215, 156, 163
Decimal	14130339
CIE Lab	70.08, 23.00, 5.08
CIE LCh	70, 23.551, 12.449
Yxy	40.8684, 0.3650, 0.3206
Android (android.graphics.Color)	4292320419 (0xFFD79CA3)
YUV	174.4390, -5.6394, 35.5720
Hunter-Lab	63.9284, 18.0281, 7.5718

Details

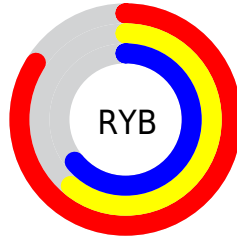
The XYZ color **46.5237, 40.8684, 40.0866** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3977, 60.2239, 68.6986**, and the grayscale version is **40.4752, 42.5830, 46.3729**.

A 20% lighter version of the original color is **77.1892, 72.9105, 76.3345**, and **22.1176, 18.4193, 17.4285** is the 20% darker color. If you saturate the color by 10%, you get **41.6575, 33.6526, 30.7058**, and if you desaturate by 10%, it is **52.2852, 49.4669, 51.0221**.

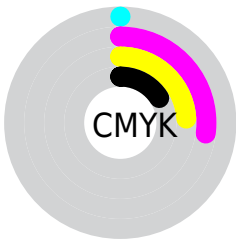
Distribution



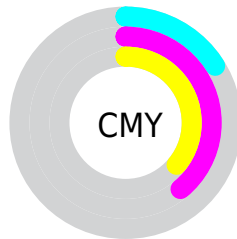
- Red (84%)
- Green (61%)
- Blue (64%)



- Red (84%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5237, 40.8684, 40.0866 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 46.5237, 40.8684, 40.0866 by changing the saturation by 10% instead.


 46.5237, 40.8684,
40.0866

 46.5237, 40.8684,
40.0866


363.5909,
349.7703, 362.0514

 32.8656, 28.2163,
27.2918


 84.2253, 76.4841,
76.5339

 22.1823, 18.4888,
17.5581


 108.9995,
100.2164, 101.0234

 14.1083, 11.3015,
10.4670


138.2099,
128.4110, 130.2483

 8.2782, 6.2700,
5.6001

172.2217,
161.4521, 164.6270

 4.3268, 3.0099,
2.5386

211.4004,
199.7242, 204.5782

 1.8886, 1.1369,
0.8605

256.1112,

 0.5702, 0.0093,

243.6116, 250.5203

0.0000

306.7196,
293.4989, 302.8718

0.0000, 0.0000,
0.0000

46.5237, 40.8684,
40.0866

46.5237, 40.8684,
40.0866

41.6575, 33.6526,
30.7058

52.2852, 49.4669,
51.0221

37.6383, 27.7418,
22.8064

58.9803, 59.5090,
63.5759

34.4182, 23.0597,
16.3133

66.6494, 71.0589,
77.8110

31.9434, 19.5195,
11.1434

75.3293, 84.1752,
93.7864

30.1532, 17.0230,
7.2051

81.8345, 93.1872,
108.2815

■ 28.9772, 15.4555,
4.3947

■ 28.3230, 14.6622,
2.5889

■ 28.2053, 14.5195,
2.2639

Harmonies

Analogous

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



46.3318, 40.8684, 51.1970



46.5237, 40.8684, 40.0866



44.5615, 40.8684, 31.6780

Triad

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



46.5237, 40.8684, 40.0866



34.0628, 40.8684, 30.6269



36.6562, 40.8684, 67.9055

Complementary

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



46.5237, 40.8684, 40.0866



49.3977, 60.2239, 68.6986

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.



33.6381, 40.8684, 60.3819



46.5237, 40.8684, 40.0866



32.2101, 40.8684, 38.4118

Square

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



46.5237, 40.8684, 40.0866



37.2714, 40.8684, 26.8533



32.0600, 40.8684, 49.2233



40.4606, 40.8684, 68.5544

Rectangle

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



46.5237, 40.8684, 40.0866



42.3667, 40.8684, 28.2361



32.0600, 40.8684, 49.2233



35.5225, 40.8684, 66.0458

Sweetspot

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



46.5248, 40.8703, 40.0874



86.1228, 86.5634, 92.3046



49.9249, 41.9699, 69.7600



18.0970, 18.0221, 19.1278



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.



46.5248, 40.8703, 40.0874



64.0975, 53.6583, 50.6026



49.8740, 48.5442, 38.1962



12.4826, 12.4445, 13.2154



16.8905, 8.6925, 1.4616



1.0392, 0.5325, 0.1956

Inverse Universe

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



46.5248, 40.8703, 40.0874



64.0975, 53.6583, 50.6026



45.1288, 50.2781, 71.6164



12.4826, 12.4445, 13.2154



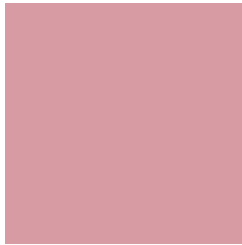
16.8905, 8.6925, 1.4616



1.0392, 0.5325, 0.1956

Previews

White Background



This preview shows how the XYZ color 46.5237, 40.8684, 40.0866 looks on a white background.

Color Contrast Check

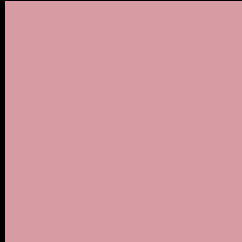
Large Text (above 18pt) WCAG AA × Fail

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 46.5237, 40.8684, 40.0866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

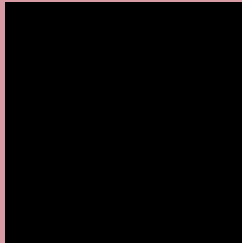
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5237, 40.8684, 40.0866

Background



This preview shows how black text looks on a background with the XYZ color 46.5237, 40.8684, 40.0866.



This preview shows how white text looks on a background with the XYZ color 46.5237, 40.8684,

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

46.5237, 40.8684, 40.0866

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

41.8075, 41.0521, 39.4386



Tritanopia

46.7207, 40.6798, 41.9487

Trichromacy



Original Color

46.5237, 40.8684, 40.0866

Protanomaly

41.9393, 41.0467, 42.7582

Deuteranomaly

43.2613, 40.7287, 39.7637

Tritanomaly

46.6286, 40.6429, 41.4637

Monochromacy



Original Color

46.5237, 40.8684, 40.0866

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.0607, 41.3585, 43.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5237, 40.8684, 40.0866 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(215, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(215, 156, 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(215, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 156, 163) }
```

Border

The CSS property to change the border of an element to XYZ 46.5237, 40.8684, 40.0866 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(215, 156, 163) }
```


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

```
.border{ border-color:rgb(215, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(215, 156,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5237, 40.8684, 40.0866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 156, 163) }
```

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

```
.background{ background-color: rgb(215,  
156, 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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