

Converting Colors

XYZ(46.8212, 41.4767, 48.3392)

Have a look what the booklet for
XYZ(46.8212, 41.4767, 48.3392)
contains.

XYZ(46.8293, 41.6063, 48.2105)	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(46.8293, 41.6063,
48.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	D19FB3
RGB	209, 159, 179
RGB Percent	82%, 62%, 70%
CMY	0.1804, 0.3765, 0.2980
CMYK	0.00, 0.24, 0.14, 0.18
HSL	336°, 35%, 72%
HSV	336°, 24%, 82%
XYZ	46.8293, 41.6063, 48.2105
YIQ	176.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

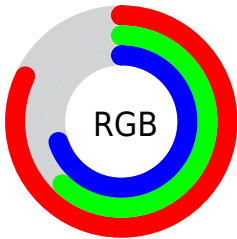
Format	Color
R_{YB}	209, 159, 179
Decimal	13737907
CIE _{Lab}	70.60, 21.64, -3.13
CIE _{LCh}	71, 21.864, 351.772
Yxy	41.6063, 0.3427, 0.3045
Android (android.graphics.Color)	4291927987 (0xFFD19FB3)
YUV	176.2300, 1.3656, 28.7393
Hunter-Lab	64.5029, 16.7113, 0.8378

Details

The XYZ color **46.8293, 41.6063, 48.2105** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2855, 56.6470, 56.6412**, and the grayscale version is **41.3724, 43.5270, 47.4009**.

A 20% lighter version of the original color is **80.2820, 75.3513, 88.9102**, and **22.3500, 18.8918, 22.2072** is the 20% darker color. If you saturate the color by 10%, you get **42.3235, 34.5326, 40.7329**, and if you desaturate by 10%, it is **52.0606, 49.9452, 56.5001**.

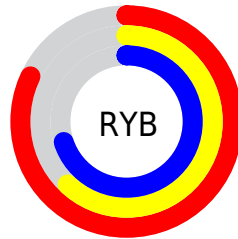
Distribution



Red (82%)

Green (62%)

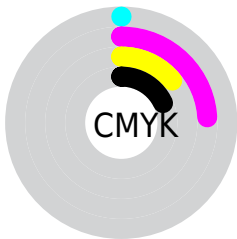
Blue (70%)



Red (82%)

Yellow (62%)

Blue (70%)

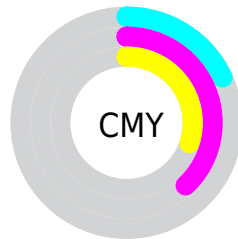


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8293, 41.6063, 48.2105 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 46.8293, 41.6063, 48.2105 by changing the saturation by 10% instead.


 46.8293, 41.6063,
48.2105


 46.8293, 41.6063,
48.2105


364.7931,
352.8483, 396.1586

 33.1081, 28.7931,
33.6324


 84.6791, 77.6034,
88.8865

 22.3689, 18.9244,
22.3363


 109.5383,
101.5562, 115.8216

 14.2463, 11.6157,
13.9035


138.8410,
129.9909, 147.7128

 8.3750, 6.4825,
7.9156

172.9525,
163.2921, 184.9785

 4.3897, 3.1407,
3.9540

212.2381,
201.8440, 228.0375

 1.9249, 1.2056,
1.6001

257.0631,

 0.5912, 0.0663,

246.0310, 277.3081

0.2909

307.7930,
296.2377, 333.2090

■ 0.0000, 0.0000,
0.0000

■ 46.8293, 41.6063,
48.2105

■ 46.8293, 41.6063,
48.2105

■ 42.3235, 34.5326,
40.7329

■ 52.0606, 49.9452,
56.5001

■ 38.5059, 28.6562,
34.0383

■ 58.0450, 59.6016,
65.6239

■ 35.3413, 23.9113,
28.0997

■ 64.8133, 70.6318,
75.6068

■ 32.7899, 20.2233,
22.8875

■ 72.3932, 83.0870,
86.4715

■ 30.8071, 17.5088,
18.3693

■ 78.0375, 91.4685,
97.3152

■ 29.3417, 15.6715,
14.5100

■ 79.9836, 92.2470,
107.5633

■ 28.3324, 14.5948,
11.2699

■ 80.1047, 92.2954,
108.2006

■ 27.8789, 14.1891,
9.5731

Harmonies

Analogous

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



45.2593, 41.6063, 58.7665



46.8293, 41.6063, 48.2105



46.3562, 41.6063, 38.3143

Triad

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



46.8293, 41.6063, 48.2105



37.0237, 41.6063, 29.2199



35.3995, 41.6063, 62.8028

Complementary

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



46.8293, 41.6063, 48.2105



46.2855, 56.6470, 56.6412

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.



33.4370, 41.6063, 53.0919



46.8293, 41.6063, 48.2105



34.3341, 41.6063, 34.0696

Square

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



46.8293, 41.6063, 48.2105



40.5484, 41.6063, 28.3225



33.0591, 41.6063, 42.5133



38.5593, 41.6063, 67.9909

Rectangle

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



46.8293, 41.6063, 48.2105



44.9578, 41.6063, 33.2959



33.0591, 41.6063, 42.5133



34.5861, 41.6063, 59.8949

Sweetspot

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



46.8305, 41.6082, 48.2114



87.9407, 88.4645, 98.2587



44.8946, 40.2207, 65.7191



18.6979, 18.7329, 20.8418



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.



46.8305, 41.6082, 48.2114



69.4852, 59.0125, 69.1112



45.8294, 42.6114, 38.6126



12.0018, 11.8855, 13.2854



17.2349, 8.7668, 6.1432



1.0024, 0.5057, 0.5475

Inverse Universe

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



46.8305, 41.6082, 48.2114



69.4852, 59.0125, 69.1112



47.4009, 55.1612, 68.4708



12.0018, 11.8855, 13.2854



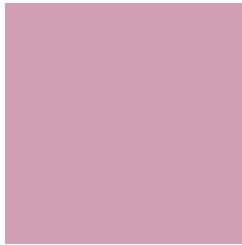
17.2349, 8.7668, 6.1432



1.0024, 0.5057, 0.5475

Previews

White Background



This preview shows how the XYZ color 46.8293, 41.6063, 48.2105 looks on a white background.

Color Contrast Check

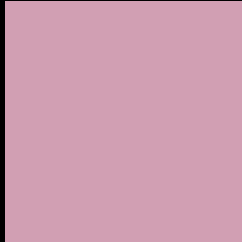
Large Text (above 18pt) WCAG AA × Fail

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 46.8293, 41.6063, 48.2105 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 46.8293, 41.6063, 48.2105

Background



This preview shows how black text looks on a background with the XYZ color 46.8293, 41.6063, 48.2105.



This preview shows how white text looks on a background with the XYZ color 46.8293, 41.6063,

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

46.8293, 41.6063, 48.2105

Protanopia

40.7354, 41.8636, 52.9472

Deuteranopia

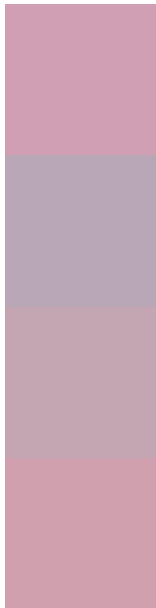
42.6775, 41.8710, 47.4275



Tritanopia

46.0296, 41.5301, 44.6198

Trichromacy



Original Color

46.8293, 41.6063, 48.2105

Protanomaly

42.4780, 41.4124, 51.1020

Deuteranomaly

44.2560, 41.8604, 47.8668

Tritanomaly

46.3211, 41.6467, 46.1547

Monochromacy



Original Color

46.8293, 41.6063, 48.2105

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.0496, 42.6151, 47.5516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8293, 41.6063, 48.2105 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(209, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(209, 159, 179)  
}
```

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(209, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 159, 179) }
```

Border

The CSS property to change the border of an element to XYZ 46.8293, 41.6063, 48.2105 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(209, 159, 179) }
```


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

```
.border{ border-color:rgb(209, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(209, 159,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8293, 41.6063, 48.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 159, 179) }
```

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

```
.background{ background-color: rgb(209,  
159, 179) }
```

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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