

Converting Colors

XYZ(46.4248, 39.2150, 45.6807)

Have a look what the booklet for
XYZ(46.4248, 39.2150, 45.6807)
contains.

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Color

**XYZ(46.3758, 39.2040,
45.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	D696AF
RGB	214, 150, 175
RGB Percent	84%, 59%, 69%
CMY	0.1608, 0.4117, 0.3137
CMYK	0.00, 0.30, 0.18, 0.16
HSL	337°, 44%, 71%
HSV	337°, 30%, 84%
XYZ	46.3758, 39.2040, 45.6803
YIQ	171.9860, 30.1190, 21.3430

Conversions

Conversions Part 2

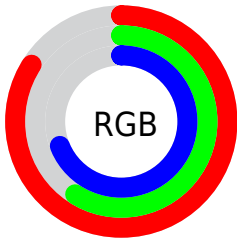
Format	Color
R _Y B	214, 150, 175
Decimal	14063279
CIE Lab	68.90, 27.69, -3.35
CIE LCh	69, 27.888, 353.111
Yxy	39.2040, 0.3533, 0.2987
Android (android.graphics.Color)	4292253359 (0xFFD696AF)
YUV	171.9860, 1.4859, 36.8463
Hunter-Lab	62.6131, 22.6371, 0.5733

Details

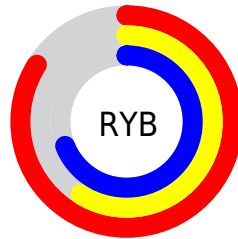
The XYZ color **46.3758, 39.2040, 45.6803** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8112, 58.2524, 56.9763**, and the grayscale version is **39.1886, 41.2295, 44.8989**.

A 20% lighter version of the original color is **77.3542, 70.6358, 84.4200**, and **22.0434, 17.4345, 20.9423** is the 20% darker color. If you saturate the color by 10%, you get **42.0481, 32.5001, 38.2205**, and if you desaturate by 10%, it is **51.4530, 47.2081, 54.0012**.

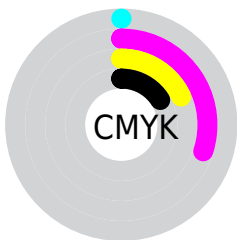
Distribution



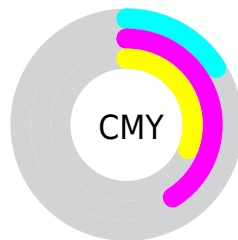
- Red (84%)
- Green (59%)
- Blue (69%)



- Red (84%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3758, 39.2040, 45.6803 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 46.3758, 39.2040, 45.6803 by changing the saturation by 10% instead.


 46.3758, 39.2040,
45.6803


 46.3758, 39.2040,
45.6803


363.0081,
342.7570, 385.7620

 32.7483, 26.9185,
31.6468


 84.0056, 73.9499,
85.0696

 22.0920, 17.5120,
20.8293


 108.7386, 97.1790,
111.2624

 14.0415, 10.6002,
12.8092

137.9042,
124.8247, 142.3454

 8.2315, 5.7987,
7.1681

171.8677,
157.2715, 178.7371

 4.2965, 2.7231,
3.4874

210.9945,
194.9038, 220.8561

 1.8712, 0.9889,
1.3486

255.6499,

 0.5600, 0.0000,

238.1058, 269.1209

0.1011

306.1993,
287.2621, 323.9500

■ 0.0000, 0.0000,
0.0000

■ 46.3758, 39.2040,
45.6803

■ 46.3758, 39.2040,
45.6803

■ 42.0481, 32.5001,
38.2205

■ 51.4530, 47.2081,
54.0012

■ 38.4291, 27.0218,
31.5897

■ 57.3112, 56.5712,
63.2089

■ 35.4792, 22.6948,
25.7571

■ 63.9840, 67.3549,
73.3309

■ 33.1529, 19.4348,
20.6887

■ 71.5020, 79.6155,
84.3927

■ 31.3991, 17.1457,
16.3475

■ 79.2509, 92.1199,
96.2045

■ 30.1573, 15.7135,
12.6923

■ 81.2613, 92.9240,
106.7907

■ 29.3229, 14.9363,
9.6657

■ 81.5418, 93.0363,
108.2678

■ 29.3158, 14.9299,
9.6393

Harmonies

Analogous

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



44.4995, 39.2040, 59.0705



46.3758, 39.2040, 45.6803



45.6596, 39.2040, 33.8082

Triad

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



46.3758, 39.2040, 45.6803



34.0174, 39.2040, 23.9491



32.3789, 39.2040, 65.3244

Complementary

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



46.3758, 39.2040, 45.6803



45.8112, 58.2524, 56.9763

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.



29.9632, 39.2040, 52.9970



46.3758, 39.2040, 45.6803



30.8555, 39.2040, 29.6523

Square

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



46.3758, 39.2040, 45.6803



38.2934, 39.2040, 22.7573



29.4284, 39.2040, 39.8264



36.2497, 39.2040, 71.7786

Rectangle

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



46.3758, 39.2040, 45.6803



43.8338, 39.2040, 28.0894



29.4284, 39.2040, 39.8264



31.3826, 39.2040, 61.6256

Sweetspot

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



46.3769, 39.2058, 45.6811



85.9900, 85.3531, 95.1726



43.8832, 37.4120, 68.5272



18.1123, 17.7978, 19.9187



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.



46.3769, 39.2058, 45.6811



64.6880, 51.6516, 60.6271



45.1937, 40.4115, 34.2746



12.6221, 12.5003, 13.9501



17.7670, 9.0431, 6.0771



1.1116, 0.5614, 0.5773

Inverse Universe

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



46.3769, 39.2058, 45.6811



64.6880, 51.6516, 60.6271



47.1751, 56.2571, 71.9911



12.6221, 12.5003, 13.9501



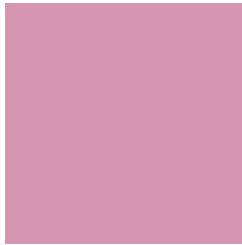
17.7670, 9.0431, 6.0771



1.1116, 0.5614, 0.5773

Previews

White Background



This preview shows how the XYZ color 46.3758, 39.2040, 45.6803 looks on a white background.

Color Contrast Check

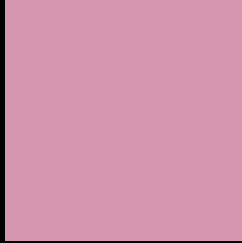
Large Text (above 18pt) WCAG AA × Fail

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 46.3758, 39.2040, 45.6803 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 46.3758, 39.2040, 45.6803

Background



This preview shows how black text looks on a background with the XYZ color 46.3758, 39.2040, 45.6803.



This preview shows how white text looks on a background with the XYZ color 46.3758, 39.2040,

45.6803.

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

46.3758, 39.2040, 45.6803

Protanopia

38.4075, 39.2896, 52.0137

Deuteranopia

40.1685, 39.2788, 44.9996



Tritanopia

45.3696, 39.2829, 40.3131

Trichromacy



Original Color

46.3758, 39.2040, 45.6803

Protanomaly

40.7168, 38.9344, 49.6251

Deuteranomaly

42.1150, 38.9790, 45.3484

Tritanomaly

45.5751, 39.1065, 42.1920

Monochromacy



Original Color

46.3758, 39.2040, 45.6803

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.3118, 40.1328, 45.1042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3758, 39.2040, 45.6803 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(214, 150, 175)` looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 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(214, 150, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 175) }
```

Border

The CSS property to change the border of an element to XYZ 46.3758, 39.2040, 45.6803 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(214, 150, 175) }
```


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

```
.border{ border-color:rgb(214, 150, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 175);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3758, 39.2040, 45.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 175) }
```

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

```
.background{ background-color: rgb(214,  
150, 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](#).

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