

Converting Colors

XYZ(46.6543, 39.8585, 45.1886)

Have a look what the booklet for
XYZ(46.6543, 39.8585, 45.1886)
contains.

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Color

**XYZ(46.5998, 39.8086,
45.2722)**

Conversions

Conversions Part 1

Format	Color
Hex	D698AE
RGB	214, 152, 174
RGB Percent	84%, 60%, 68%
CMY	0.1608, 0.4039, 0.3176
CMYK	0.00, 0.29, 0.19, 0.16
HSL	339°, 43%, 72%
HSV	339°, 29%, 84%
XYZ	46.5998, 39.8086, 45.2722
YIQ	173.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

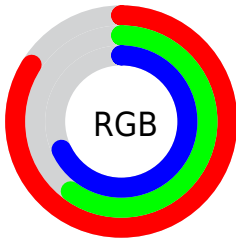
Format	Color
R_{YB}	214, 152, 174
Decimal	14063790
CIE _{Lab}	69.33, 26.45, -2.15
CIE _{LCh}	69, 26.535, 355.354
Yxy	39.8086, 0.3539, 0.3023
Android (android.graphics.Color)	4292253870 (0xFFD698AE)
YUV	173.0460, 0.4703, 35.9167
Hunter-Lab	63.0941, 21.4213, 1.6232

Details

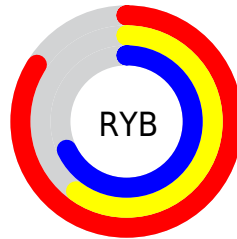
The XYZ color **46.5998, 39.8086, 45.2722** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5116, 58.5754, 58.7267**, and the grayscale version is **39.7319, 41.8011, 45.5213**.

A 20% lighter version of the original color is **77.6957, 71.5428, 83.8429**, and **22.1706, 17.7886, 20.6774** is the 20% darker color. If you saturate the color by 10%, you get **42.1573, 32.9678, 37.4881**, and if you desaturate by 10%, it is **51.8096, 47.9616, 53.9956**.

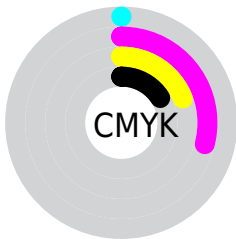
Distribution



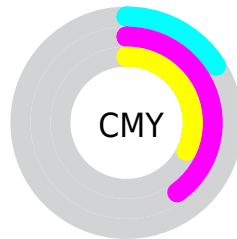
- Red (84%)
- Green (60%)
- Blue (68%)



- Red (84%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5998, 39.8086, 45.2722 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 46.5998, 39.8086, 45.2722 by changing the saturation by 10% instead.


 46.5998, 39.8086,
45.2722


 46.5998, 39.8086,
45.2722


363.8905,
345.3162, 384.0671

 32.9260, 27.3893,
31.3274


 84.3383, 74.8720,
84.4515

 22.2287, 17.8658,
20.5877


 109.1338, 98.2849,
110.5231

 14.1426, 10.8537,
12.6347


138.3672,
126.1311, 141.4739

 8.3023, 5.9686,
7.0497

172.4038,
158.7951, 177.7227

 4.3424, 2.8260,
3.4143

211.6091,
196.6612, 219.6878

 1.8976, 1.0416,
1.3099

256.3484,

 0.5754, 0.0000,

240.1138, 267.7879

0.0699

306.9871,
289.5373, 322.4415

■ 0.0000, 0.0000,
0.0000

■ 46.5998, 39.8086,
45.2722

■ 46.5998, 39.8086,
45.2722

■ 42.1573, 32.9678,
37.4881

■ 51.8096, 47.9616,
53.9956

■ 38.4407, 27.3647,
30.6079

■ 57.8185, 57.4854,
63.6873

■ 35.4101, 22.9256,
24.5969

■ 64.6605, 68.4414,
74.3780

■ 33.0198, 19.5666,
19.4174

■ 72.3666, 80.8859,
86.0960

■ 31.2183, 17.1926,
15.0281

■ 79.6751, 92.2896,
98.4384

■ 29.9454, 15.6914,
11.3835

■ 81.5418, 93.0362,
108.2678

■ 29.1076, 14.8849,
8.4250

■ 29.0337, 14.8170,
8.1539

Harmonies

Analogous

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



44.9815, 39.8086, 58.0912



46.5998, 39.8086, 45.2722



45.7299, 39.8086, 34.0578

Triad

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



46.5998, 39.8086, 45.2722



34.4375, 39.8086, 25.4180



33.3698, 39.8086, 65.6429

Complementary

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



46.5998, 39.8086, 45.2722



46.5116, 58.5754, 58.7267

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.



30.9087, 39.8086, 54.1830



46.5998, 39.8086, 45.2722



31.4920, 39.8086, 31.3324

Square

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



46.5998, 39.8086, 45.2722



38.5040, 39.8086, 23.9197



30.2477, 39.8086, 41.4729



37.1775, 39.8086, 71.1738

Rectangle

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



46.5998, 39.8086, 45.2722



43.8880, 39.8086, 28.7087



30.2477, 39.8086, 41.4729



32.3692, 39.8086, 62.2629

Sweetspot

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



46.6009, 39.8104, 45.2730



85.8675, 85.3041, 94.5278



44.9203, 38.4245, 68.6679



18.0822, 17.7858, 19.7604



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.



46.6009, 39.8104, 45.2730



64.9566, 52.4919, 59.7818



46.0176, 41.7992, 35.3506



12.6034, 12.4929, 13.8519



17.5940, 8.9739, 5.1659



1.1000, 0.5568, 0.5158

Inverse Universe

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



46.6009, 39.8104, 45.2730



64.9566, 52.4919, 59.7818



47.0950, 55.5459, 71.8581



12.6034, 12.4929, 13.8519



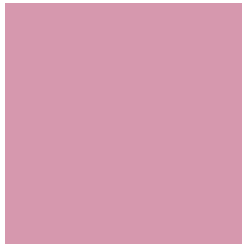
17.5940, 8.9739, 5.1659



1.1000, 0.5568, 0.5158

Previews

White Background



This preview shows how the XYZ color 46.5998, 39.8086, 45.2722 looks on a white background.

Color Contrast Check

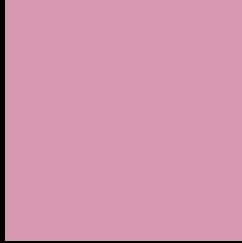
Large Text (above 18pt) WCAG AA × Fail

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 46.5998, 39.8086, 45.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

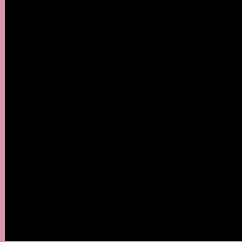
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5998, 39.8086, 45.2722

Background



This preview shows how black text looks on a background with the XYZ color 46.5998, 39.8086, 45.2722.



This preview shows how white text looks on a background with the XYZ color 46.5998, 39.8086,

45.2722.

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

46.5998, 39.8086, 45.2722

Protanopia

38.9881, 40.1615, 51.0444

Deuteranopia

40.7294, 39.8438, 44.5737



Tritanopia

45.6233, 39.6452, 40.8450

Trichromacy



Original Color

46.5998, 39.8086, 45.2722

Protanomaly

41.3430, 39.8040, 48.6839

Deuteranomaly

42.8786, 39.8945, 44.9756

Tritanomaly

45.8997, 39.7558, 42.3002

Monochromacy



Original Color

46.5998, 39.8086, 45.2722

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.7370, 40.6188, 45.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5998, 39.8086, 45.2722 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, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 174)  
}
```

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, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 174) }
```

Border

The CSS property to change the border of an element to XYZ 46.5998, 39.8086, 45.2722 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, 152, 174) }
```


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

```
.border{ border-color:rgb(214, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5998, 39.8086, 45.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 174) }
```

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

```
.background{ background-color: rgb(214,  
152, 174) }
```

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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