

Converting Colors

XYZ(46.7142, 39.4797, 44.6064)

Have a look what the booklet for
XYZ(46.7142, 39.4797, 44.6064)
contains.

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Color

**XYZ(46.7681, 39.4288,
44.6807)**

Conversions

Conversions Part 1

Format	Color
Hex	D896AD
RGB	216, 150, 173
RGB Percent	85%, 59%, 68%
CMY	0.1529, 0.4117, 0.3216
CMYK	0.00, 0.31, 0.20, 0.15
HSL	339°, 46%, 72%
HSV	339°, 31%, 85%
XYZ	46.7681, 39.4288, 44.6807
YIQ	172.3560, 31.9530, 21.1450

Conversions

Conversions Part 2

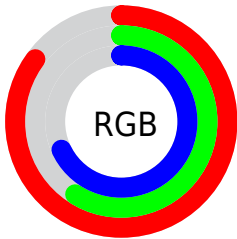
Format	Color
R _Y B	216, 150, 173
Decimal	14194349
CIE Lab	69.06, 28.10, -1.97
CIE LCh	69, 28.164, 355.998
Yxy	39.4288, 0.3573, 0.3013
Android (android.graphics.Color)	4292384429 (0xFFD896AD)
YUV	172.3560, 0.3175, 38.2758
Hunter-Lab	62.7924, 23.0612, 1.7661

Details

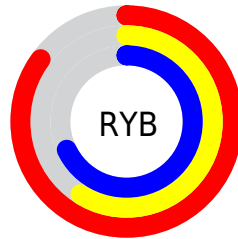
The XYZ color **46.7681, 39.4288, 44.6807** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7609, 59.4471, 59.4650**, and the grayscale version is **39.3811, 41.4320, 45.1194**.

A 20% lighter version of the original color is **77.0749, 70.5241, 82.9490**, and **22.3161, 17.5894, 20.3081** is the 20% darker color. If you saturate the color by 10%, you get **42.3429, 32.6440, 36.8370**, and if you desaturate by 10%, it is **51.9743, 47.5452, 53.4934**.

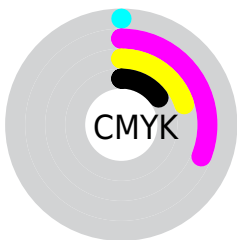
Distribution



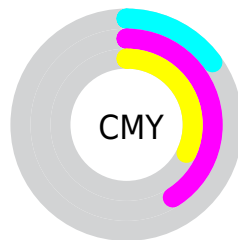
- Red (85%)
- Green (59%)
- Blue (68%)



- Red (85%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (15%)





- Cyan (15%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7681, 39.4288, 44.6807 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 46.7681, 39.4288, 44.6807 by changing the saturation by 10% instead.


 46.7681, 39.4288,
44.6807


 46.7681, 39.4288,
44.6807


364.5525,
343.7101, 381.6012

 33.0595, 27.0935,
30.8649


 84.5882, 74.2929,
83.5544

 22.3315, 17.6434,
20.2384

 109.4305, 97.5905,
109.4494

 14.2187, 10.6943,
12.3826


138.7147,
125.3110, 140.2079

 8.3556, 5.8617,
6.8791

172.8062,
157.8387, 176.2484

 4.3770, 2.7611,
3.3093

212.0704,
195.5581, 217.9894

 1.9176, 1.0083,
1.2547

256.8726,

 0.5870, 0.0000,

238.8535, 265.8495

0.0242

307.5782,
288.1094, 320.2473

■ 0.0000, 0.0000,
0.0000

■ 46.7681, 39.4288,
44.6807

■ 46.7681, 39.4288,
44.6807

■ 42.3429, 32.6440,
36.8370

■ 51.9743, 47.5452,
53.4934

■ 38.6560, 27.1137,
29.9250

■ 57.9946, 57.0540,
63.3057

■ 35.6656, 22.7611,
23.9081

■ 64.8644, 68.0187,
74.1499

■ 33.3239, 19.4989,
18.7465

■ 72.6157, 80.4975,
86.0557

■ 31.5770, 17.2272,
14.3963

■ 80.3126, 92.6124,
98.7299

■ 30.3611, 15.8276,
10.8092

■ 82.1291, 93.3390,
108.2953

■ 29.5981, 15.1106,
8.0607

Harmonies

Analogous

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



45.1011, 39.4288, 58.3014



46.7681, 39.4288, 44.6807



45.7865, 39.4288, 32.9766

Triad

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



46.7681, 39.4288, 44.6807



33.8163, 39.4288, 24.3169



32.8508, 39.4288, 66.8734

Complementary

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



46.7681, 39.4288, 44.6807



46.7609, 59.4471, 59.4650

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.



30.2372, 39.4288, 54.7112



46.7681, 39.4288, 44.6807



30.7626, 39.4288, 30.5320

Square

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



46.7681, 39.4288, 44.6807



38.0819, 39.4288, 22.6829



29.5040, 39.4288, 41.2281



36.8764, 39.4288, 72.6330

Rectangle

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



46.7681, 39.4288, 44.6807



43.8012, 39.4288, 27.4845



29.5040, 39.4288, 41.2281



31.7909, 39.4288, 63.2933

Sweetspot

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



46.7692, 39.4306, 44.6815



85.8458, 85.2954, 94.4136



45.2694, 38.0970, 69.9336



18.0769, 17.7837, 19.7323



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.



46.7692, 39.4306, 44.6815



63.6082, 50.5013, 57.1552



46.3788, 41.9098, 34.5014



12.6001, 12.4916, 13.8345



17.5652, 8.9624, 5.0144



1.0980, 0.5560, 0.5053

Inverse Universe

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



46.7692, 39.4306, 44.6815



63.6082, 50.5013, 57.1552



47.0691, 55.6339, 73.2238



12.6001, 12.4916, 13.8345



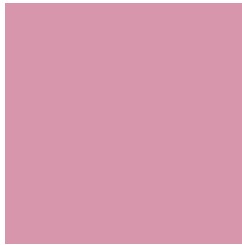
17.5652, 8.9624, 5.0144



1.0980, 0.5560, 0.5053

Previews

White Background



This preview shows how the XYZ color 46.7681, 39.4288, 44.6807 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 46.7681, 39.4288, 44.6807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

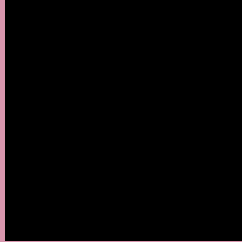
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7681, 39.4288, 44.6807

Background



This preview shows how black text looks on a background with the XYZ color 46.7681, 39.4288, 44.6807.



This preview shows how white text looks on a background with the XYZ color 46.7681, 39.4288,

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

46.7681, 39.4288, 44.6807

Protanopia

38.8028, 39.7908, 50.9827

Deuteranopia

40.3933, 39.6815, 44.0584



Tritanopia

45.8634, 39.5479, 39.8666

Trichromacy



Original Color

46.7681, 39.4288, 44.6807

Protanomaly

40.9907, 39.0993, 48.5665

Deuteranomaly

42.6095, 39.5106, 44.4103

Tritanomaly

46.0660, 39.3703, 41.7305

Monochromacy



Original Color

46.7681, 39.4288, 44.6807

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.4609, 40.2208, 44.6079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7681, 39.4288, 44.6807 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(216, 150, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 150, 173)  
}
```

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(216, 150, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 150, 173) }
```

Border

The CSS property to change the border of an element to XYZ 46.7681, 39.4288, 44.6807 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(216, 150, 173) }
```


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

```
.border{ border-color:rgb(216, 150, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 150, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 150, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 150, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 150,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7681, 39.4288, 44.6807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 150, 173) }
```

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

```
.background{ background-color: rgb(216,  
150, 173) }
```

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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