

Converting Colors

XYZ(48.0793, 43.2675, 45.1203)

Have a look what the booklet for
XYZ(48.0793, 43.2675, 45.1203)
contains.

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Color

**XYZ(48.0806, 43.3576,
45.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A3AD
RGB	213, 163, 173
RGB Percent	84%, 64%, 68%
CMY	0.1647, 0.3608, 0.3216
CMYK	0.00, 0.23, 0.19, 0.16
HSL	348°, 37%, 74%
HSV	348°, 23%, 84%
XYZ	48.0806, 43.3576, 45.3699
YIQ	179.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

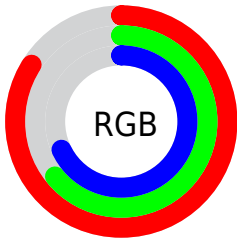
Format	Color
R _Y B	213, 163, 173
Decimal	14001069
CIE Lab	71.80, 19.96, 1.99
CIE LCh	72, 20.059, 5.699
Yxy	43.3576, 0.3514, 0.3169
Android (android.graphics.Color)	4292191149 (0xFFD5A3AD)
YUV	179.0900, -3.0024, 29.7391
Hunter-Lab	65.8465, 15.1080, 5.2402

Details

The XYZ color **48.0806, 43.3576, 45.3699** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6798, 59.6880, 65.4053**, and the grayscale version is **42.9022, 45.1365, 49.1536**.

A 20% lighter version of the original color is **80.3150, 77.0042, 84.0290**, and **23.2362, 20.0185, 20.7284** is the 20% darker color. If you saturate the color by 10%, you get **43.0673, 35.8035, 36.0755**, and if you desaturate by 10%, it is **53.9436, 52.2737, 55.9862**.

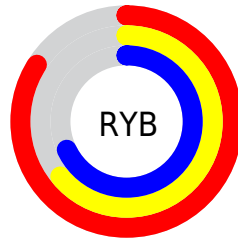
Distribution



Red (84%)

Green (64%)

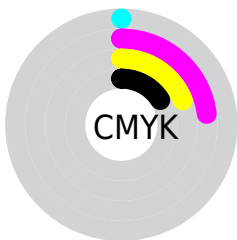
Blue (68%)



Red (84%)

Yellow (64%)

Blue (68%)

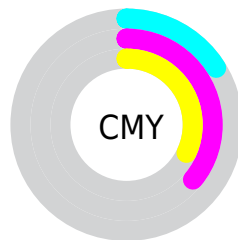


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0806, 43.3576, 45.3699 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 48.0806, 43.3576, 45.3699 by changing the saturation by 10% instead.


 48.0806, 43.3576,
45.3699


 48.0806, 43.3576,
45.3699


369.6888,
360.0803, 384.4733

 34.1022, 30.1658,
31.4038


 86.5334, 80.2502,
84.5995

 23.1354, 19.9645,
20.6455


 111.7385,
104.7198, 110.7002

 14.8148, 12.3692,
12.6764


141.4166,
133.7175, 141.6827

 8.7750, 6.9957,
7.0780

175.9329,
167.6276, 177.9657

 4.6506, 3.4594,
3.4317

215.6530,
206.8345, 219.9678

 2.0764, 1.3760,
1.3191

260.9421,

 0.6763, 0.1989,

251.7227, 268.1074

0.0774

312.1656,
302.6765, 322.8030

■ 0.0000, 0.0000,
0.0000

■ 48.0806, 43.3576,
45.3699

■ 48.0806, 43.3576,
45.3699

■ 43.0673, 35.8035,
36.0755

■ 53.9436, 52.2737,
55.9862

■ 38.8603, 29.5385,
28.0482

■ 60.6899, 62.6081,
67.9711

■ 35.4178, 24.4919,
21.2331

■ 68.3555, 74.4212,
81.3721

■ 32.6927, 20.5839,
15.5704

■ 76.9734, 87.7682,
96.2336

■ 30.6325, 17.7249,
10.9947

■ 81.2508, 92.8862,
108.2542

■ 29.1773, 15.8122,
7.4340

■ 28.2556, 14.7214,
4.8069

■ 27.8693, 14.3177,
3.5407

Harmonies

Analogous

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



47.4756, 43.3576, 55.3612



48.0806, 43.3576, 45.3699



46.7641, 43.3576, 37.0829

Triad

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



48.0806, 43.3576, 45.3699



37.5033, 43.3576, 33.5496



38.5717, 43.3576, 66.4621

Complementary

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



48.0806, 43.3576, 45.3699



49.6798, 59.6880, 65.4053

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.



36.1143, 43.3576, 59.0287



48.0806, 43.3576, 45.3699



35.5217, 43.3576, 39.8993

Square

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



48.0806, 43.3576, 45.3699



40.5628, 43.3576, 30.8888



35.0274, 43.3576, 49.0973



41.8642, 43.3576, 68.4540

Rectangle

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



48.0806, 43.3576, 45.3699



45.0144, 43.3576, 33.3409



35.0274, 43.3576, 49.0973



37.6264, 43.3576, 64.4713

Sweetspot

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



48.0818, 43.3596, 45.3708



87.4029, 88.2494, 95.4263



49.7375, 43.6970, 68.7642



18.5736, 18.6832, 20.1871



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.



48.0818, 43.3596, 45.3708



68.4762, 59.4465, 61.2162



49.9732, 48.6330, 41.4059



12.5238, 12.4610, 13.4324



17.0530, 8.7575, 2.3171



1.0585, 0.5402, 0.2974

Inverse Universe

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



48.0818, 43.3596, 45.3708



68.4762, 59.4465, 61.2162



47.3102, 52.9803, 70.6840



12.5238, 12.4610, 13.4324



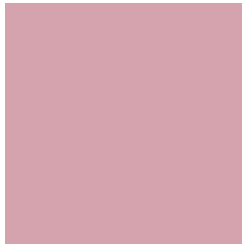
17.0530, 8.7575, 2.3171



1.0585, 0.5402, 0.2974

Previews

White Background



This preview shows how the XYZ color 48.0806, 43.3576, 45.3699 looks on a white background.

Color Contrast Check

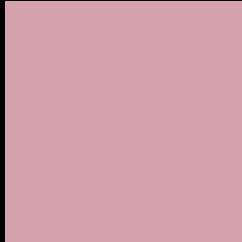
Large Text (above 18pt) WCAG AA × Fail

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 48.0806, 43.3576, 45.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

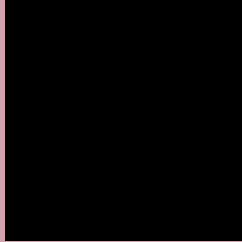
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0806, 43.3576, 45.3699

Background



This preview shows how black text looks on a background with the XYZ color 48.0806, 43.3576, 45.3699.



This preview shows how white text looks on a background with the XYZ color 48.0806, 43.3576,

45.3699.

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

48.0806, 43.3576, 45.3699

Protanopia

41.9283, 43.4202, 49.3511

Deuteranopia

44.3268, 43.3301, 45.0570



Tritanopia

48.2756, 43.4357, 46.3970

Trichromacy



Original Color

48.0806, 43.3576, 45.3699

Protanomaly

43.9846, 43.3765, 47.6492

Deuteranomaly

45.6222, 43.1725, 44.9583

Tritanomaly

48.1777, 43.3965, 45.8815

Monochromacy



Original Color

48.0806, 43.3576, 45.3699

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.3652, 44.1378, 47.7761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0806, 43.3576, 45.3699 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(213, 163, 173)` looks like.

```
.text, #text, p{  
    color:rgb(213, 163, 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(213, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.0806, 43.3576, 45.3699 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(213, 163, 173) }
```


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

```
.border{ border-color:rgb(213, 163, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 163, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 173);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0806, 43.3576, 45.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 173) }
```

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

```
.background{ background-color: rgb(213,  
163, 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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