

Converting Colors

XYZ(49.9777, 47.4023, 48.4566)

Have a look what the booklet for
XYZ(49.9777, 47.4023, 48.4566)
contains.

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Color

**XYZ(50.0359, 47.3353,
48.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AEB2
RGB	211, 174, 178
RGB Percent	83%, 68%, 70%
CMY	0.1725, 0.3176, 0.3020
CMYK	0.00, 0.18, 0.16, 0.17
HSL	354°, 30%, 75%
HSV	354°, 18%, 83%
XYZ	50.0359, 47.3353, 48.6189
YIQ	185.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

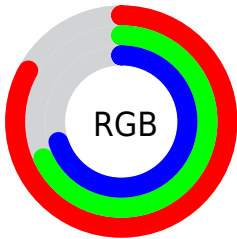
Format	Color
R _Y B	211, 174, 178
Decimal	13872818
CIE Lab	74.40, 14.05, 3.00
CIE LCh	74, 14.370, 12.060
Yxy	47.3353, 0.3427, 0.3242
Android (android.graphics.Color)	4292062898 (0xFFD3AEB2)
YUV	185.5190, -3.7069, 22.3468
Hunter-Lab	68.8007, 9.4146, 6.2624

Details

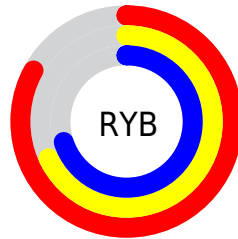
The XYZ color **50.0359, 47.3353, 48.6189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0142, 60.0934, 67.8922**, and the grayscale version is **46.4162, 48.8335, 53.1796**.

A 20% lighter version of the original color is **84.3881, 83.7941, 89.5681**, and **24.3715, 22.4677, 22.4542** is the 20% darker color. If you saturate the color by 10%, you get **44.5135, 39.1098, 38.0858**, and if you desaturate by 10%, it is **56.4605, 56.9494, 60.7330**.

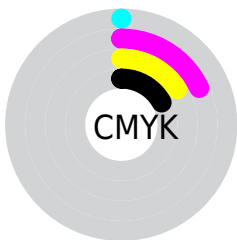
Distribution



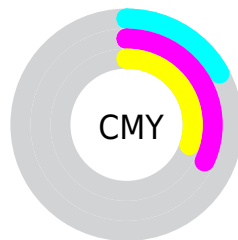
- Red (83%)
- Green (68%)
- Blue (70%)



- Red (83%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (17%)





- Cyan (17%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0359, 47.3353, 48.6189 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 50.0359, 47.3353, 48.6189 by changing the saturation by 10% instead.


 50.0359, 47.3353,
48.6189

 50.0359, 47.3353,
48.6189


377.2560,
376.1513, 397.8193

 35.6598, 33.3008,
33.9538


 89.4196, 86.2139,
89.5003

 24.3405, 22.3570,
22.5810


115.1579,
111.8268, 116.5537

 15.7125, 14.1194,
14.0821


145.4143,
142.0679, 148.5735

 9.4105, 8.2038,
8.0384

180.5543,
177.3217, 185.9784

 5.0691, 4.2256,
4.0314

220.9430,
217.9726, 229.1869

 2.3231, 1.8006,
1.6426

266.9460,

 0.8064, 0.4875,

264.4049, 278.6176

0.3209

318.9285,
317.0030, 334.6888

■ 0.0000, 0.0000,
0.0000

■ 50.0359, 47.3353,
48.6189

■ 50.0359, 47.3353,
48.6189

■ 44.5135, 39.1098,
38.0858

■ 56.4605, 56.9494,
60.7330

■ 39.8492, 32.2027,
29.0656

■ 63.8212, 68.0053,
74.4866

■ 36.0008, 26.5473,
21.4895

■ 72.1549, 80.5615,
89.9387

■ 32.9211, 22.0684,
15.2823

■ 80.3992, 92.4790,
106.7793

■ 30.5582, 18.6830,
10.3619

■ 80.6742, 92.5890,
108.2272

■ 28.8533, 16.2971,
6.6375

■ 27.7386, 14.8006,
4.0060

■ 27.1236, 14.0431,
2.3445

■ 27.0168, 13.9100,
2.0607

Harmonies

Analogous

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



49.8942, 47.3353, 56.0568



50.0359, 47.3353, 48.6189



48.7883, 47.3353, 42.5685

Triad

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



50.0359, 47.3353, 48.6189



41.7382, 47.3353, 41.6646



43.4750, 47.3353, 66.3259

Complementary

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



50.0359, 47.3353, 48.6189



52.0142, 60.0934, 67.8922

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.



41.3956, 47.3353, 61.6912



50.0359, 47.3353, 48.6189



40.4197, 47.3353, 47.2728

Square

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



50.0359, 47.3353, 48.6189



43.9589, 47.3353, 38.8190



40.2967, 47.3353, 54.5760



46.0387, 47.3353, 66.7747

Rectangle

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



50.0359, 47.3353, 48.6189



47.3635, 47.3353, 39.9448



40.2967, 47.3353, 54.5760



42.6987, 47.3353, 65.1866

Sweetspot

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



50.0372, 47.3374, 48.6199



89.3392, 91.4222, 98.2291



52.5391, 48.1972, 68.1624



18.9569, 19.3200, 20.7153



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.



50.0372, 47.3374, 48.6199



73.5229, 67.7599, 68.3857



52.5278, 52.9515, 47.4991



11.8599, 11.8287, 12.5381



16.3231, 8.4021, 1.3414



0.9306, 0.4770, 0.1696

Inverse Universe

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



50.0372, 47.3374, 48.6199



73.5229, 67.7599, 68.3857



49.1398, 53.5528, 69.3753



11.8599, 11.8287, 12.5381



16.3231, 8.4021, 1.3414



0.9306, 0.4770, 0.1696

Previews

White Background



This preview shows how the XYZ color 50.0359, 47.3353, 48.6189 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 50.0359, 47.3353, 48.6189 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 50.0359, 47.3353, 48.6189

Background



This preview shows how black text looks on a background with the XYZ color 50.0359, 47.3353, 48.6189.



This preview shows how white text looks on a background with the XYZ color 50.0359, 47.3353,

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

50.0359, 47.3353, 48.6189

Protanopia

45.5249, 47.3139, 51.5328

Deuteranopia

48.2866, 47.3151, 48.1827



Tritanopia

50.9579, 47.4294, 52.9234

Trichromacy



Original Color

50.0359, 47.3353, 48.6189

Protanomaly

46.9663, 47.1785, 50.3470

Deuteranomaly

48.9147, 47.3468, 48.1557

Tritanomaly

50.6422, 47.3031, 51.2610

Monochromacy



Original Color

50.0359, 47.3353, 48.6189

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.7809, 48.4769, 51.6384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0359, 47.3353, 48.6189 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(211, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 174, 178)  
}
```

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(211, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 174, 178) }
```

Border

The CSS property to change the border of an element to XYZ 50.0359, 47.3353, 48.6189 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(211, 174, 178) }
```


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

```
.border{ border-color:rgb(211, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 174,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0359, 47.3353, 48.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 174, 178) }
```

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

```
.background{ background-color: rgb(211,  
174, 178) }
```

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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