

Converting Colors

XYZ(47.0438, 41.8402, 54.3138)

Have a look what the booklet for
XYZ(47.0438, 41.8402, 54.3138)
contains.

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Color

**XYZ(47.0419, 41.8385,
54.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA0BE
RGB	205, 160, 190
RGB Percent	80%, 63%, 75%
CMY	0.1961, 0.3725, 0.2549
CMYK	0.00, 0.22, 0.07, 0.20
HSL	320°, 31%, 72%
HSV	320°, 22%, 80%
XYZ	47.0419, 41.8385, 54.3114
YIQ	176.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

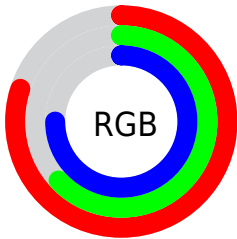
Format	Color
R _{YB}	205, 160, 190
Decimal	13476030
CIE Lab	70.76, 21.54, -9.03
CIE LCh	71, 23.357, 337.261
Yxy	41.8385, 0.3285, 0.2922
Android (android.graphics.Color)	4291666110 (0xFFCDA0BE)
YUV	176.8750, 6.4706, 24.6656
Hunter-Lab	64.6827, 16.6233, -4.5055

Details

The XYZ color **47.0419, 41.8385, 54.3114** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.0681, 54.2325, 48.7053**, and the grayscale version is **41.6862, 43.8572, 47.7604**.

A 20% lighter version of the original color is **82.1750, 76.5147, 97.6265**, and **22.4556, 19.0153, 26.1537** is the 20% darker color. If you saturate the color by 10%, you get **43.0476, 35.0169, 49.3810**, and if you desaturate by 10%, it is **51.6596, 49.8498, 59.6234**.

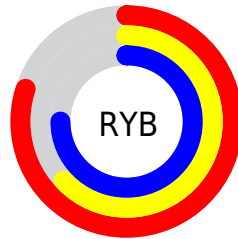
Distribution



Red (80%)

Green (63%)

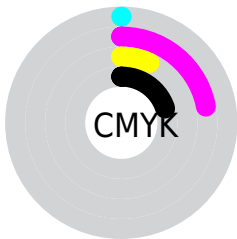
Blue (75%)



Red (80%)

Yellow (63%)

Blue (75%)

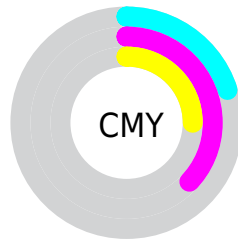


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (37%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0419, 41.8385, 54.3114 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 47.0419, 41.8385, 54.3114 by changing the saturation by 10% instead.


 47.0419, 41.8385,
54.3114


 47.0419, 41.8385,
54.3114


365.6279,
353.8130, 420.5045

 33.2769, 28.9749,
38.4558


 84.9945, 77.9551,
97.9923

 22.4989, 19.0618,
26.0321


 109.9128,
101.9769, 126.6547

 14.3426, 11.7149,
16.6217

139.2796,
130.4869, 160.4232

 8.4426, 6.5499,
9.8060

173.4602,
163.8694, 199.7161

 4.4336, 3.1822,
5.1666

212.8199,
202.5089, 244.9522

 1.9503, 1.2276,
2.2849

257.7242,

 0.6058, 0.0841,

246.7897, 296.5500

0.7227

308.5384,
297.0963, 354.9279

■ 0.0000, 0.0000,
0.0000

■ 47.0419, 41.8385,
54.3114

■ 47.0419, 41.8385,
54.3114

■ 43.0476, 35.0169,
49.3810

■ 51.6596, 49.8498,
59.6234

■ 39.6440, 29.3219,
44.8175

■ 56.9243, 59.0987,
65.3257

■ 36.8005, 24.6927,
40.6088

■ 62.8628, 69.6376,
71.4300

■ 34.4827, 21.0611,
36.7409

■ 69.4991, 81.5140,
77.9464

■ 32.6517, 18.3502,
33.1985

■ 74.4148, 89.8904,
84.0710

■ 31.2634, 16.4725,
29.9643

■ 75.3616, 90.2691,
89.0566

■ 30.2647, 15.3229,
27.0179

■ 76.3460, 90.6628,
94.2406

■ 29.6682, 14.7757,
24.8280

■ 77.3686, 91.0719,
99.6254

■ 78.4297, 91.4963,
105.2130

Harmonies

Analogous

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



44.4504, 41.8385, 64.7373



47.0419, 41.8385, 54.3114



47.6252, 41.8385, 42.9106

Triad

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



47.0419, 41.8385, 54.3114



38.8318, 41.8385, 27.4958



34.1258, 41.8385, 59.7354

Complementary

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



47.0419, 41.8385, 54.3114



44.0681, 54.2325, 48.7053

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.



32.8232, 41.8385, 48.3059



47.0419, 41.8385, 54.3114



35.4233, 41.8385, 30.5941

Square

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



47.0419, 41.8385, 54.3114



42.7165, 41.8385, 28.5719



33.2823, 41.8385, 37.7943



36.9551, 41.8385, 68.2069

Rectangle

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



47.0419, 41.8385, 54.3114



46.7645, 41.8385, 36.4627



33.2823, 41.8385, 37.7943



33.5035, 41.8385, 56.0456

Sweetspot

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



47.0431, 41.8404, 54.3123



88.6742, 88.7579, 102.1213



41.2712, 38.6655, 63.0462



18.8678, 18.8009, 21.7363



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.



47.0431, 41.8404, 54.3123



74.0665, 63.4036, 85.3488



44.7705, 40.9313, 42.3450



11.5224, 11.3377, 13.2854



18.5150, 9.2166, 15.6967



0.9895, 0.4892, 0.9904

Inverse Universe

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



47.0431, 41.8404, 54.3123



74.0665, 63.4036, 85.3488



46.4654, 55.1914, 61.3292



11.5224, 11.3377, 13.2854



18.5150, 9.2166, 15.6967



0.9895, 0.4892, 0.9904

Previews

White Background



This preview shows how the XYZ color 47.0419, 41.8385, 54.3114 looks on a white background.

Color Contrast Check

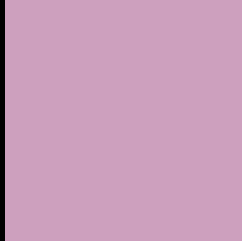
Large Text (above 18pt) WCAG AA × Fail

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 47.0419, 41.8385, 54.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

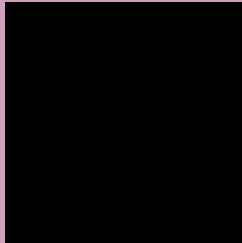
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0419, 41.8385, 54.3114

Background



This preview shows how black text looks on a background with the XYZ color 47.0419, 41.8385, 54.3114.



This preview shows how white text looks on a background with the XYZ color 47.0419, 41.8385,

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

47.0419, 41.8385, 54.3114

Protanopia

41.3078, 42.0173, 59.3591

Deuteranopia

42.7935, 42.0741, 53.4426



Tritanopia

45.4637, 41.9860, 46.2654

Trichromacy



Original Color

47.0419, 41.8385, 54.3114

Protanomaly

43.1444, 41.8905, 57.4415

Deuteranomaly

44.3074, 42.0229, 53.9201

Tritanomaly

46.0604, 41.9733, 48.8540

Monochromacy



Original Color

47.0419, 41.8385, 54.3114

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.4999, 43.0680, 50.2762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0419, 41.8385, 54.3114 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(205, 160, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 160, 190)  
}
```

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(205, 160, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 160, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.0419, 41.8385, 54.3114 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(205, 160, 190) }
```


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

```
.border{ border-color:rgb(205, 160, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 160, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 160, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 160, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 160,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0419, 41.8385, 54.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 160, 190) }
```

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

```
.background{ background-color: rgb(205,  
160, 190) }
```

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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