

Converting Colors

XYZ(47.6854, 43.6399, 47.5050)

Have a look what the booklet for
XYZ(47.6854, 43.6399, 47.5050)
contains.

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Color

**XYZ(47.6854, 43.6399,
47.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A5B1
RGB	209, 165, 177
RGB Percent	82%, 65%, 69%
CMY	0.1804, 0.3529, 0.3059
CMYK	0.00, 0.21, 0.15, 0.18
HSL	344°, 32%, 73%
HSV	344°, 21%, 82%
XYZ	47.6854, 43.6399, 47.5050
YIQ	179.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

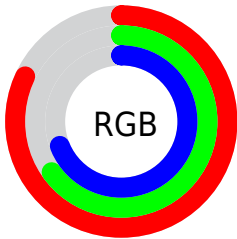
Format	Color
RYB	209, 165, 177
Decimal	13739441
CIELab	71.99, 18.05, 0.01
CIELCh	72, 18.045, 0.039
Yxy	43.6399, 0.3435, 0.3143
Android (android.graphics.Color)	4291929521 (0xFFD1A5B1)
YUV	179.5240, -1.2443, 25.8505
Hunter-Lab	66.0605, 13.2433, 3.6061

Details

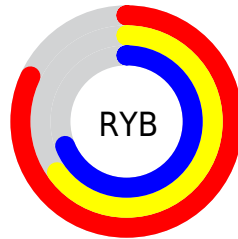
The XYZ color **47.6854, 43.6399, 47.5050** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3973, 57.6325, 61.3994**, and the grayscale version is **43.1265, 45.3724, 49.4106**.

A 20% lighter version of the original color is **81.5412, 78.3296, 87.9122**, and **22.9332, 20.1609, 22.0848** is the 20% darker color. If you saturate the color by 10%, you get **42.7876, 36.1353, 38.8088**, and if you desaturate by 10%, it is **53.3705, 52.4480, 57.2974**.

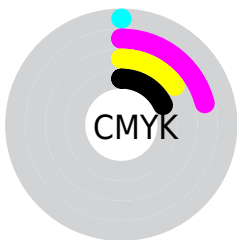
Distribution



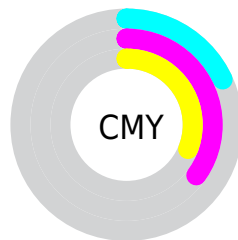
- Red (82%)
- Green (65%)
- Blue (69%)



- Red (82%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6854, 43.6399, 47.5050 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 47.6854, 43.6399, 47.5050 by changing the saturation by 10% instead.


 47.6854, 43.6399,
47.5050


 47.6854, 43.6399,
47.5050


368.1472,
361.2368, 393.2787

 33.7880, 30.3875,
33.0779

 85.9483, 80.6756,
87.8248

 22.8929, 20.1329,
21.9145


 111.0446,
105.2277, 114.5545

 14.6347, 12.4917,
13.5964


140.6046,
134.3152, 146.2222

 8.6481, 7.0795,
7.7049

174.9936,
168.3224, 183.2464

 4.5676, 3.5119,
3.8217

214.5770,
207.6338, 226.0456

 2.0280, 1.4044,
1.5280

259.7202,

 0.6496, 0.2200,

252.6337, 275.0383

0.2387

310.7884,
303.7066, 330.6432

■ 0.0000, 0.0000,
0.0000

■ 47.6854, 43.6399,
47.5050

■ 47.6854, 43.6399,
47.5050

■ 42.7876, 36.1353,
38.8088

■ 53.3705, 52.4480,
57.2974

■ 38.6381, 29.8662,
31.1671

■ 59.8722, 62.6115,
68.2203

■ 35.1997, 24.7677,
24.5395

■ 67.2231, 74.1866,
80.3097

■ 32.4310, 20.7661,
18.8817

■ 75.4527, 87.2247,
93.5993

■ 30.2858, 17.7797,
14.1460

■ 79.7855, 92.1677,
106.5201

■ 28.7116, 15.7150,
10.2805

■ 80.1046, 92.2954,
108.2006

■ 27.6468, 14.4609,
7.2268

■ 27.0328, 13.8507,
5.1178

Harmonies

Analogous

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



46.8223, 43.6399, 56.4979



47.6854, 43.6399, 47.5050



46.8180, 43.6399, 39.5236

Triad

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



47.6854, 43.6399, 47.5050



38.5846, 43.6399, 34.2969



38.5912, 43.6399, 63.7731

Complementary

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



47.6854, 43.6399, 47.5050



48.3973, 57.6325, 61.3994

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.



36.5611, 43.6399, 56.5202



47.6854, 43.6399, 47.5050



36.5574, 43.6399, 39.5411

Square

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



47.6854, 43.6399, 47.5050



41.4744, 43.6399, 32.4968



35.8349, 43.6399, 47.5279



41.4824, 43.6399, 66.5702

Rectangle

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



47.6854, 43.6399, 47.5050



45.3986, 43.6399, 35.6685



35.8349, 43.6399, 47.5279



37.7907, 43.6399, 61.7344

Sweetspot

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



47.6866, 43.6419, 47.5059



88.6215, 89.9275, 98.1728



47.8692, 43.3233, 66.1612



18.8251, 19.0239, 20.7717



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.



47.6866, 43.6419, 47.5059



71.3885, 63.2160, 68.5225



48.3267, 46.7524, 42.0768



11.9393, 11.8604, 12.9560



16.7034, 8.5542, 3.3441



0.9676, 0.4918, 0.3643

Inverse Universe

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



47.6866, 43.6419, 47.5059



71.3885, 63.2160, 68.5225



47.5581, 53.6660, 68.1739



11.9393, 11.8604, 12.9560



16.7034, 8.5542, 3.3441



0.9676, 0.4918, 0.3643

Previews

White Background



This preview shows how the XYZ color 47.6854, 43.6399, 47.5050 looks on a white background.

Color Contrast Check

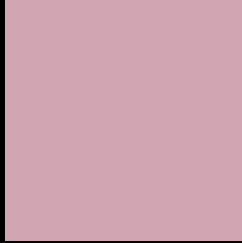
Large Text (above 18pt) WCAG AA × Fail

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 47.6854, 43.6399, 47.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

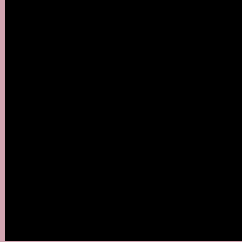
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6854, 43.6399, 47.5050

Background



This preview shows how black text looks on a background with the XYZ color 47.6854, 43.6399, 47.5050.



This preview shows how white text looks on a background with the XYZ color 47.6854, 43.6399,

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

47.6854, 43.6399, 47.5050

Protanopia

42.4327, 43.9345, 51.0435

Deuteranopia

44.6475, 43.7297, 47.1618



Tritanopia

47.7855, 43.6799, 48.0320

Trichromacy



Original Color

47.6854, 43.6399, 47.5050

Protanomaly

44.0793, 43.6601, 49.8201

Deuteranomaly

45.5776, 43.6526, 47.0979

Tritanomaly

47.7855, 43.6799, 48.0320

Monochromacy



Original Color

47.6854, 43.6399, 47.5050

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.9525, 44.9910, 48.9627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6854, 43.6399, 47.5050 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(209, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(209, 165, 177)  
}
```

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(209, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 165, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.6854, 43.6399, 47.5050 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(209, 165, 177) }
```


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

```
.border{ border-color:rgb(209, 165, 177) }
```

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

Here you see how a box with a 4 pixel rgb(209, 165, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(209, 165,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6854, 43.6399, 47.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 165, 177) }
```

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

```
.background{ background-color: rgb(209,  
165, 177) }
```

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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