

Converting Colors

XYZ(47.9367, 43.7064, 39.7297)

Have a look what the booklet for
XYZ(47.9367, 43.7064, 39.7297)
contains.

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Color

**XYZ(48.0274, 43.7231,
39.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A4A1
RGB	216, 164, 161
RGB Percent	85%, 64%, 63%
CMY	0.1529, 0.3568, 0.3686
CMYK	0.00, 0.24, 0.25, 0.15
HSL	3°, 41%, 74%
HSV	3°, 25%, 85%
XYZ	48.0274, 43.7231, 39.6263
YIQ	179.2060, 31.9550, 10.0910

Conversions

Conversions Part 2

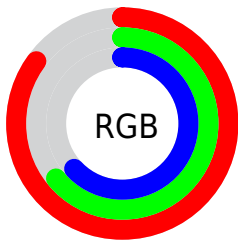
Format	Color
R _Y B	216, 164, 161
Decimal	14197921
CIE Lab	72.04, 18.75, 9.01
CIE LCh	72, 20.803, 25.654
Yxy	43.7231, 0.3656, 0.3328
Android (android.graphics.Color)	4292388001 (0xFFD8A4A1)
YUV	179.2060, -8.9756, 32.2683
Hunter-Lab	66.1234, 13.9338, 10.7552

Details

The XYZ color **48.0274, 43.7231, 39.6263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8862, 60.1216, 73.8886**, and the grayscale version is **42.9930, 45.2320, 49.2577**.

A 20% lighter version of the original color is **78.9662, 76.8809, 75.6433**, and **23.1058, 20.1877, 17.4307** is the 20% darker color. If you saturate the color by 10%, you get **42.9192, 36.2960, 29.3238**, and if you desaturate by 10%, it is **54.0538, 52.4594, 51.8592**.

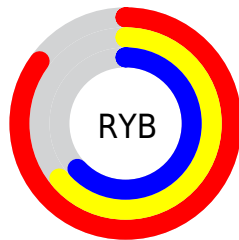
Distribution



Red (85%)

Green (64%)

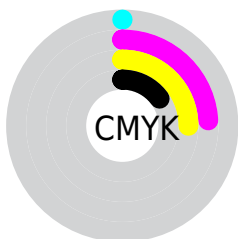
Blue (63%)



Red (85%)

Yellow (64%)

Blue (63%)

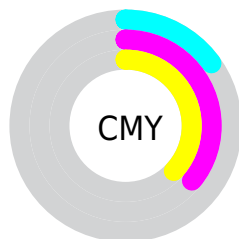


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0274, 43.7231, 39.6263 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 48.0274, 43.7231, 39.6263 by changing the saturation by 10% instead.


 48.0274, 43.7231,
39.6263


 48.0274, 43.7231,
39.6263


369.4815,
361.5771, 360.0511

 34.0599, 30.4529,
26.9357

 86.4546, 80.8009,
75.8250

 23.1027, 20.1826,
17.2929


 111.6451,
105.3773, 100.1702

 14.7905, 12.5278,
10.2794


141.3073,
134.4912, 129.2373

 8.7578, 7.1042,
5.4766

175.8066,
168.5270, 163.4449

 4.6394, 3.5274,
2.4659

215.5083,
207.8691, 203.2116

 2.0699, 1.4129,
0.8220

260.7778,

 0.6727, 0.2262,

252.9019, 248.9558

0.0000

311.9804,
304.0098, 301.0961

■ 0.0000, 0.0000,
0.0000

■ 48.0274, 43.7231,
39.6263

■ 48.0274, 43.7231,
39.6263

■ 42.9192, 36.2960,
29.3238

■ 54.0538, 52.4594,
51.8592

■ 38.6807, 30.1092,
20.8506

■ 61.0367, 62.5572,
66.1112

■ 35.2645, 25.0971,
14.1005

■ 69.0164, 74.0734,
82.4687

■ 32.6172, 21.1853,
8.9553

■ 78.0299, 87.0599,
101.0124

■ 30.6791, 18.2909,
5.2818

■ 82.1290, 93.3390,
108.2953

■ 29.3814, 16.3196,
2.9256

■ 28.6420, 15.1592,
1.6979

■ 28.4480, 14.8571,
1.3683

Harmonies

Analogous

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



48.7512, 43.7231, 49.1058



48.0274, 43.7231, 39.6263



45.5338, 43.7231, 33.2067

Triad

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



48.0274, 43.7231, 39.6263



36.1665, 43.7231, 37.3961



41.0417, 43.7231, 69.9115

Complementary

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



48.0274, 43.7231, 39.6263



50.8862, 60.1216, 73.8886

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.



37.8197, 43.7231, 65.6643



48.0274, 43.7231, 39.6263



35.1087, 43.7231, 46.1391

Square

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



48.0274, 43.7231, 39.6263



38.6684, 43.7231, 32.0536



35.6964, 43.7231, 56.5932



44.5870, 43.7231, 67.5194

Rectangle

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



48.0274, 43.7231, 39.6263



43.2740, 43.7231, 31.0511



35.6964, 43.7231, 56.5932



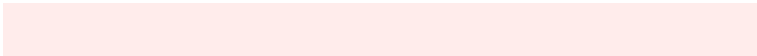
39.8870, 43.7231, 69.1981

Sweetspot

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



48.0286, 43.7251, 39.6272



86.0909, 87.0616, 90.5617



53.1061, 44.9060, 68.9863



18.0890, 18.1461, 18.6935



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.



48.0286, 43.7251, 39.6272



65.4470, 57.1435, 48.6287



53.4377, 54.5433, 41.4302



12.4771, 12.5285, 12.9213



16.8632, 8.8437, 0.8182



1.0367, 0.5726, 0.0559

Inverse Universe

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



50.8862, 60.1216, 73.8886



70.3411, 85.2401, 107.3534



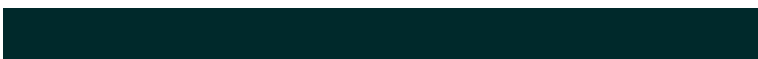
44.5994, 47.5480, 71.7930



12.7314, 13.9862, 15.9661



20.1719, 28.6055, 42.9114



1.2348, 1.7616, 2.5943

Previews

White Background



This preview shows how the XYZ color 48.0274, 43.7231, 39.6263 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 48.0274, 43.7231, 39.6263 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 48.0274, 43.7231, 39.6263

Background



This preview shows how black text looks on a background with the XYZ color 48.0274, 43.7231, 39.6263.



This preview shows how white text looks on a background with the XYZ color 48.0274, 43.7231,

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

48.0274, 43.7231, 39.6263

Protanopia

41.8846, 43.8229, 43.2969

Deuteranopia

44.7275, 43.9432, 39.3822



Tritanopia

49.1756, 43.6484, 45.8775

Trichromacy



Original Color

48.0274, 43.7231, 39.6263

Protanomaly

43.7922, 43.6910, 41.7224

Deuteranomaly

45.8014, 43.6651, 39.2719

Tritanomaly

48.8739, 43.8107, 43.4165

Monochromacy



Original Color

48.0274, 43.7231, 39.6263

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.3207, 44.4571, 45.2749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0274, 43.7231, 39.6263 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, 164, 161) looks like.

```
.text, #text, p{  
    color:rgb(216, 164, 161)  
}
```

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, 164, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 164, 161) }
```

Border

The CSS property to change the border of an element to XYZ 48.0274, 43.7231, 39.6263 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, 164, 161) }
```


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

```
.border{ border-color:rgb(216, 164, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 164, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 164, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 164, 161);  
box-shadow:4px 4px 4px 4px rgb(216, 164,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0274, 43.7231, 39.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 164, 161) }
```

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

```
.background{ background-color: rgb(216,  
164, 161) }
```

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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