

Converting Colors

XYZ(48.1806, 42.8418, 40.4748)

Have a look what the booklet for
XYZ(48.1806, 42.8418, 40.4748)
contains.

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Color

**XYZ(48.0951, 42.6914,
40.3557)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA0A3
RGB	218, 160, 163
RGB Percent	85%, 63%, 64%
CMY	0.1451, 0.3725, 0.3608
CMYK	0.00, 0.27, 0.25, 0.15
HSL	357°, 44%, 74%
HSV	357°, 27%, 85%
XYZ	48.0951, 42.6914, 40.3557
YIQ	177.6840, 33.6050, 13.2290

Conversions

Conversions Part 2

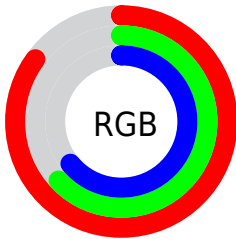
Format	Color
R _Y B	218, 160, 163
Decimal	14327971
CIE Lab	71.35, 21.95, 6.93
CIE LCh	71, 23.017, 17.528
Yxy	42.6914, 0.3667, 0.3255
Android (android.graphics.Color)	4292518051 (0xFFDAA0A3)
YUV	177.6840, -7.2392, 35.3571
Hunter-Lab	65.3387, 17.0493, 9.1172

Details

The XYZ color **48.0951, 42.6914, 40.3557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8361, 62.5237, 73.6294**, and the grayscale version is **42.1756, 44.3720, 48.3211**.

A 20% lighter version of the original color is **78.1953, 74.9228, 76.6699**, and **23.1321, 19.5542, 17.5941** is the 20% darker color. If you saturate the color by 10%, you get **42.9386, 35.1043, 30.2328**, and if you desaturate by 10%, it is **54.2194, 51.7289, 52.2961**.

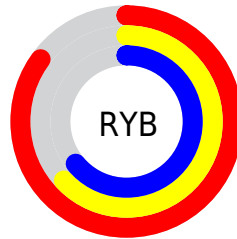
Distribution



Red (85%)

Green (63%)

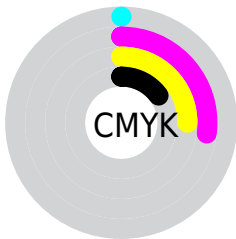
Blue (64%)



Red (85%)

Yellow (63%)

Blue (64%)

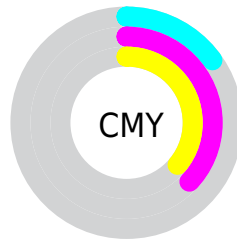


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0951, 42.6914, 40.3557 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 48.0951, 42.6914, 40.3557 by changing the saturation by 10% instead.


 48.0951, 42.6914,
40.3557


 48.0951, 42.6914,
40.3557


369.7453,
357.3411, 363.2171

 34.1138, 29.6431,
27.5001


 86.5548, 79.2450,
76.9479

 23.1443, 19.5678,
17.7134

 111.7639,
103.5190, 101.5215

 14.8214, 12.0813,
10.5771


141.4463,
132.3037, 130.8382

 8.7796, 6.7991,
5.6727

175.9674,
165.9834, 165.3166

 4.6537, 3.3368,
2.5815

215.6924,
204.9427, 205.3751

 2.0782, 1.3100,
0.8829

260.9869,

 0.6773, 0.1489,

249.5658, 251.4323

0.0000

312.2160,
300.2371, 303.9068

0.0000, 0.0000,
0.0000

48.0951, 42.6914,
40.3557

48.0951, 42.6914,
40.3557

42.9386, 35.1043,
30.2328

54.2194, 51.7289,
52.2961

38.6972, 28.8865,
21.8360

61.3538, 62.2804,
66.1342

35.3182, 23.9582,
15.0695

69.5423, 74.4130,
81.9486

32.7426, 20.2287,
9.8275

78.8253, 88.1881,
99.8127

30.9035, 17.5960,
5.9916

82.7235, 93.6455,
108.3231

■ 29.7234, 15.9405,
3.4260

■ 29.1054, 15.1108,
1.9671

■ 28.9755, 14.9302,
1.6792

Harmonies

Analogous

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



48.2856, 42.6914, 51.2402



48.0951, 42.6914, 40.3557



45.8123, 42.6914, 32.4685

Triad

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



48.0951, 42.6914, 40.3557



35.3315, 42.6914, 33.5264



38.9908, 42.6914, 70.5540

Complementary

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



48.0951, 42.6914, 40.3557



51.8361, 62.5237, 73.6294

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.



35.7564, 42.6914, 64.0433



48.0951, 42.6914, 40.3557



33.7356, 42.6914, 42.0310

Square

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



48.0951, 42.6914, 40.3557



38.3766, 42.6914, 28.9780



33.8861, 42.6914, 53.2026



42.8597, 42.6914, 69.9133

Rectangle

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



48.0951, 42.6914, 40.3557



43.4885, 42.6914, 29.4394



33.8861, 42.6914, 53.2026



37.7983, 42.6914, 69.0911

Sweetspot

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



48.0963, 42.6934, 40.3566



85.9240, 86.4839, 91.2577



52.9974, 44.5218, 72.1302



18.0474, 18.0023, 18.8668



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.



48.0963, 42.6934, 40.3566



64.2576, 54.4997, 49.0498



52.6367, 52.1988, 40.5614



13.0832, 13.0624, 13.6992



17.3712, 8.9495, 1.0691



1.1352, 0.5837, 0.1209

Inverse Universe

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



48.0963, 42.6934, 40.3566



64.2576, 54.4997, 49.0498



46.1943, 50.6183, 73.6655



13.0832, 13.0624, 13.6992



17.3712, 8.9495, 1.0691



1.1352, 0.5837, 0.1209

Previews

White Background



This preview shows how the XYZ color 48.0951, 42.6914, 40.3557 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 48.0951, 42.6914, 40.3557 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 48.0951, 42.6914, 40.3557

Background



This preview shows how black text looks on a background with the XYZ color 48.0951, 42.6914, 40.3557.



This preview shows how white text looks on a background with the XYZ color 48.0951, 42.6914,

40.3557.

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

48.0951, 42.6914, 40.3557

Protanopia

41.0771, 42.7961, 44.6235

Deuteranopia

43.6469, 42.8195, 39.6828



Tritanopia

48.9622, 42.7966, 44.2081

Trichromacy



Original Color

48.0951, 42.6914, 40.3557

Protanomaly

43.2482, 42.5405, 42.9775

Deuteranomaly

45.3346, 42.8602, 40.0659

Tritanomaly

48.6794, 42.6835, 42.7188

Monochromacy



Original Color

48.0951, 42.6914, 40.3557

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.0981, 43.4804, 45.6035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0951, 42.6914, 40.3557 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(218, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 160, 163)  
}
```

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(218, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 160, 163) }
```

Border

The CSS property to change the border of an element to XYZ 48.0951, 42.6914, 40.3557 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(218, 160, 163) }
```


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

```
.border{ border-color:rgb(218, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 160,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0951, 42.6914, 40.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 160, 163) }
```

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

```
.background{ background-color: rgb(218,  
160, 163) }
```

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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