

Converting Colors

$Y_{xy}(30.3541, 0.4406, 0.3577)$

Have a look what the booklet for
Yxy(30.3541, 0.4406, 0.3577)
contains.

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Color

Yxy(30.4349, 0.4406, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	D48068
RGB	212, 128, 104
RGB Percent	83%, 50%, 41%
CMY	0.1687, 0.4980, 0.5921
CMYK	0.00, 0.40, 0.51, 0.17
HSL	13°, 56%, 62%
HSV	13°, 51%, 83%
XYZ	37.3631, 30.4349, 17.0025
YIQ	150.3800, 57.7680, 10.3440

Conversions

Conversions Part 2

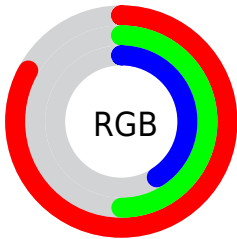
Format	Color
R _Y B	212, 135, 104
Decimal	13926504
CIE Lab	62.03, 29.95, 26.83
CIE LCh	62, 40.208, 41.859
Yxy	30.4349, 0.4406, 0.3589
Android (android.graphics.Color)	4292116584 (0xFFD48068)
YUV	150.3800, -22.8653, 54.0407
Hunter-Lab	55.1678, 24.3476, 20.3445

Details

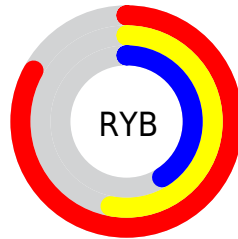
The Yxy color **30.4349, 0.4406, 0.3589** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.6408, 0.2403, 0.2948**, and the grayscale version is **30.7514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0825, 0.4002, 0.3576**, and **12.4732, 0.4834, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **26.1016, 0.4789, 0.3630**, and if you desaturate by 10%, it is **35.5780, 0.4064, 0.3534**.

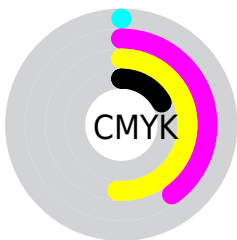
Distribution



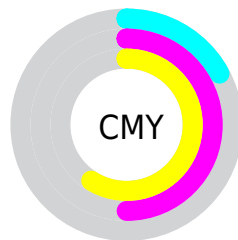
- Red (83%)
- Green (50%)
- Blue (41%)



- Red (83%)
- Yellow (53%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (17%)




- Cyan (17%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4349, 0.4406, 0.3589 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 Yxy color 30.4349, 0.4406, 0.3589 by changing the saturation by 10% instead.


 30.4349, 0.4406,
0.3589


 30.4349, 0.4406,
0.3589


303.9264, 0.3718,
0.3464

 20.1689, 0.4590,
0.3608


 60.3493, 0.4146,
0.3552


 12.5179, 0.4833,
0.3622


 80.7665, 0.4051,
0.3535

 7.0974, 0.5161,
0.3621


 105.3362, 0.3972,
0.3520

 3.5231, 0.5629,
0.3580

 134.4428, 0.3905,
0.3506

 1.4105, 0.6488,
0.3512

168.4707, 0.3848,
0.3494

 0.2245, 0.8086,
0.1914


207.8044, 0.3799,


 0.0000, 0.0000,


0.3483


0.0000


252.8281, 0.3756,
0.3473


 30.4349, 0.4406,
0.3589

 30.4349, 0.4406,
0.3589


 26.1016, 0.4789,
0.3630


 35.5780, 0.4064,
0.3534


 22.5314, 0.5195,
0.3646


 41.5650, 0.3769,
0.3473


 19.6800, 0.5588,
0.3629

 48.4337, 0.3521,
0.3411

 17.4962, 0.5921,
0.3573

 56.2182, 0.3314,
0.3351

 16.0383, 0.6148,
0.3501

 64.9507, 0.3142,
0.3295

■ 74.6620, 0.2999,
0.3243

■ 85.3814, 0.2880,
0.3196

■ 92.7327, 0.2871,
0.3289

Harmonies

Analogous

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



30.4349, 0.4108, 0.3101



30.4349, 0.4406, 0.3589



30.4349, 0.4311, 0.4065

Triad

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



30.4349, 0.4406, 0.3589



30.4349, 0.2675, 0.4042



30.4349, 0.2338, 0.2287

Complementary

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



30.4349, 0.4406, 0.3589



43.6408, 0.2403, 0.2948

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.



30.4349, 0.2042, 0.2408



30.4349, 0.4406, 0.3589



30.4349, 0.2213, 0.3382

Square

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



30.4349, 0.4406, 0.3589



30.4349, 0.3289, 0.4440



30.4349, 0.1997, 0.2780



30.4349, 0.2858, 0.2389

Rectangle

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



30.4349, 0.4406, 0.3589



30.4349, 0.4058, 0.4320



30.4349, 0.1997, 0.2780



30.4349, 0.2212, 0.2301

Sweetspot

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



30.4364, 0.4406, 0.3589



80.2476, 0.3396, 0.3376



27.5497, 0.3441, 0.2299



16.6389, 0.3441, 0.3389



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.4364, 0.4406, 0.3589



39.2349, 0.4818, 0.3632



48.1946, 0.4042, 0.4213



12.8644, 0.3286, 0.3343



10.0279, 0.6125, 0.3519



0.7305, 0.5785, 0.3788

Inverse Universe

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



43.6408, 0.2403, 0.2948



61.2920, 0.2286, 0.2863



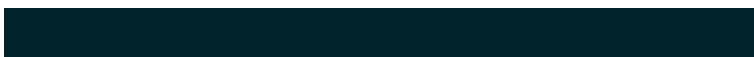
24.9101, 0.2243, 0.2133



13.6173, 0.2982, 0.3237



19.6661, 0.2045, 0.2561



1.3043, 0.2084, 0.2701

Previews

White Background



This preview shows how the Yxy color 30.4349, 0.4406, 0.3589 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 Yxy color 30.4349, 0.4406, 0.3589 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](#).

Yxy 30.4349, 0.4406, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 30.4349, 0.4406, 0.3589.



This preview shows how white text looks on a background with the Yxy color 30.4349, 0.4406, 0.3589.

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

30.4349, 0.4406, 0.3589

Protanopia

30.6047, 0.3600, 0.3847

Deuteranopia

30.5894, 0.3977, 0.3906



Tritanopia

30.4049, 0.4099, 0.3181

Trichromacy



Original Color

30.4349, 0.4406, 0.3589

Protanomaly

30.1751, 0.3894, 0.3753

Deuteranomaly

30.3427, 0.4141, 0.3781

Tritanomaly

30.2185, 0.4220, 0.3330

Monochromacy



Original Color

30.4349, 0.4406, 0.3589

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9237, 0.3563, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4349, 0.4406, 0.3589 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(212, 128, 104)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 104)  
}
```

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(212, 128, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 104) }
```

Border

The CSS property to change the border of an element to Yxy 30.4349, 0.4406, 0.3589 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(212, 128, 104) }
```

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

```
.border{ border-color:rgb(212, 128, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 104);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4349, 0.4406, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 104) }
```

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

```
.background{ background-color: rgb(212,  
128, 104) }
```

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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