

Converting Colors

$Y_{xy}(49.4313, 0.4179, 0.4128)$

Have a look what the booklet for
Yxy(49.4313, 0.4179, 0.4128)
contains.

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Color

Yxy(49.4289, 0.4179, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	E2B369
RGB	226, 179, 105
RGB Percent	89%, 70%, 41%
CMY	0.1136, 0.2981, 0.5882
CMYK	0.00, 0.21, 0.54, 0.11
HSL	37°, 68%, 65%
HSV	37°, 54%, 89%
XYZ	50.0396, 49.4289, 20.2721
YIQ	184.6170, 51.7660, -13.0500

Conversions

Conversions Part 2

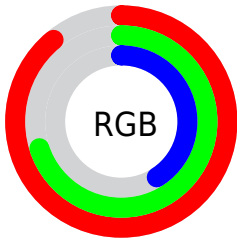
Format	Color
RYB	182, 226, 105
Decimal	14857065
CIELab	75.72, 8.40, 43.93
CIELCh	76, 44.727, 79.175
Yxy	49.4289, 0.4179, 0.4128
Android (android.graphics.Color)	4293047145 (0xFFE2B369)
YUV	184.6170, -39.2512, 36.2929
Hunter-Lab	70.3057, 4.0112, 32.1182

Details

The Yxy color **49.4289, 0.4179, 0.4128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9665, 0.2230, 0.2243**, and the grayscale version is **48.4952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1453, 0.3769, 0.4064**, and **23.5224, 0.4443, 0.4301** is the 20% darker color. If you saturate the color by 10%, you get **45.6171, 0.4410, 0.4251**, and if you desaturate by 10%, it is **53.5933, 0.3951, 0.3982**.

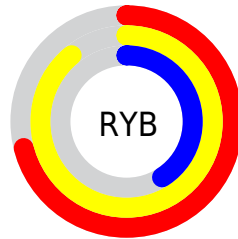
Distribution



Red (89%)

Green (70%)

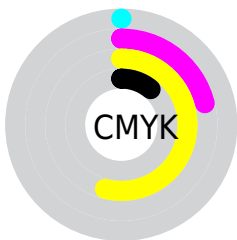
Blue (41%)



Red (71%)

Yellow (89%)

Blue (41%)

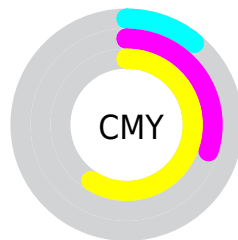


Cyan (0%)

Magenta (21%)

Yellow (54%)

Black (11%)



Cyan (11%)


Magenta (30%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4289, 0.4179, 0.4128 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 49.4289, 0.4179, 0.4128 by changing the saturation by 10% instead.


 49.4289, 0.4179,
0.4128

 49.4289, 0.4179,
0.4128


384.4284, 0.3671,
0.3741

 34.9598, 0.4295,
0.4211


 89.3281, 0.4001,
0.3997

 23.6319, 0.4436,
0.4307


 115.5271, 0.3932,
0.3945

 15.0608, 0.4609,
0.4417


 146.4048, 0.3873,
0.3899

 8.8621, 0.4818,
0.4537

 182.3456, 0.3822,
0.3859

 4.6513, 0.5200,
0.4771

223.7340, 0.3777,
0.3824

 2.0442, 0.5320,
0.4680

270.9543, 0.3737,

 0.6329, 0.5603,

0.3793

0.4397

324.3910, 0.3702,
0.3765

0.0000, 0.0000,
0.0000

49.4289, 0.4179,
0.4128

49.4289, 0.4179,
0.4128

45.6171, 0.4410,
0.4251

53.5933, 0.3951,
0.3982

42.1365, 0.4632,
0.4337

58.1160, 0.3733,
0.3822

38.9737, 0.4834,
0.4377

63.0116, 0.3531,
0.3659

36.1103, 0.5004,
0.4364

68.2911, 0.3347,
0.3497

34.4022, 0.5099,
0.4333

73.9654, 0.3181,
0.3343

■ 80.0445, 0.3034,
0.3197

■ 85.9966, 0.2950,
0.3142

■ 91.3079, 0.2951,
0.3232

■ 94.9122, 0.2952,
0.3289

Harmonies

Analogous

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



49.4289, 0.4351, 0.3695



49.4289, 0.4179, 0.4128



49.4289, 0.3726, 0.4392

Triad

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



49.4289, 0.4179, 0.4128



49.4289, 0.2185, 0.3227



49.4289, 0.3019, 0.2483

Complementary

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



49.4289, 0.4179, 0.4128



30.9665, 0.2230, 0.2243

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.



49.4289, 0.2480, 0.2339



49.4289, 0.4179, 0.4128



49.4289, 0.2038, 0.2700

Square

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



49.4289, 0.4179, 0.4128



49.4289, 0.2575, 0.3858



49.4289, 0.2141, 0.2402



49.4289, 0.3647, 0.2797

Rectangle

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



49.4289, 0.4179, 0.4128



49.4289, 0.3339, 0.4388



49.4289, 0.2141, 0.2402



49.4289, 0.2822, 0.2414

Sweetspot

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



49.4313, 0.4179, 0.4128



87.9428, 0.3392, 0.3538



28.5926, 0.4042, 0.2738



18.5124, 0.3430, 0.3572



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.



49.4313, 0.4179, 0.4128



59.5431, 0.4430, 0.4260



69.7087, 0.3806, 0.4618



15.0884, 0.3277, 0.3433



19.8594, 0.5081, 0.4347



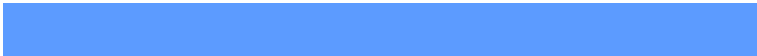
1.5489, 0.4908, 0.4485

Inverse Universe

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



30.9665, 0.2230, 0.2243



33.0020, 0.2056, 0.1984



19.3889, 0.2181, 0.1618



14.1125, 0.2981, 0.3143



7.3127, 0.1677, 0.1236



0.6771, 0.1762, 0.1544

Previews

White Background



This preview shows how the Yxy color 49.4289, 0.4179, 0.4128 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 49.4289, 0.4179, 0.4128 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 49.4289, 0.4179, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 49.4289, 0.4179, 0.4128.



This preview shows how white text looks on a background with the Yxy color 49.4289, 0.4179, 0.4128.

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

49.4289, 0.4179, 0.4128

Protanopia

49.6025, 0.3915, 0.4254

Deuteranopia

49.3547, 0.4204, 0.4111



Tritanopia

49.4920, 0.3591, 0.3145

Trichromacy



Original Color

49.4289, 0.4179, 0.4128

Protanomaly

49.4887, 0.4013, 0.4205

Deuteranomaly

49.1916, 0.4195, 0.4114

Tritanomaly

49.0767, 0.3815, 0.3500

Monochromacy



Original Color

49.4289, 0.4179, 0.4128

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5466, 0.3498, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4289, 0.4179, 0.4128 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(226, 179, 105)` looks like.

```
.text, #text, p{  
    color:rgb(226, 179, 105)  
}
```

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(226, 179, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 179, 105) }
```

Border

The CSS property to change the border of an element to Yxy 49.4289, 0.4179, 0.4128 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(226, 179, 105) }
```

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

```
.border{ border-color:rgb(226, 179, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 179, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 179, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 179, 105);  
box-shadow:4px 4px 4px 4px rgb(226, 179,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4289, 0.4179, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 179, 105) }
```

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

```
.background{ background-color: rgb(226,  
179, 105) }
```

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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