

Converting Colors

$Yxy(50.1288, 0.4199, 0.4169)$

Have a look what the booklet for
Yxy(50.1288, 0.4199, 0.4169)
contains.

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Color

Yxy(50.3379, 0.4197, 0.4175)

Conversions

Conversions Part 1

Format	Color
Hex	E3B566
RGB	227, 181, 102
RGB Percent	89%, 71%, 40%
CMY	0.1098, 0.2902, 0.5999
CMYK	0.00, 0.20, 0.55, 0.11
HSL	38°, 69%, 65%
HSV	38°, 55%, 89%
XYZ	50.6032, 50.3379, 19.6288
YIQ	185.7480, 52.7750, -14.8170

Conversions

Conversions Part 2

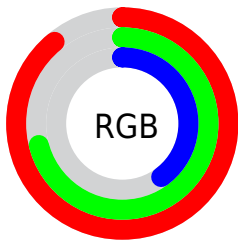
Format	Color
RYB	175, 227, 102
Decimal	14923110
CIELab	76.28, 7.50, 46.12
CIELCh	76, 46.721, 80.761
Yxy	50.3379, 0.4197, 0.4175
Android (android.graphics.Color)	4293113190 (0xFFE3B566)
YUV	185.7480, -41.2878, 36.1780
Hunter-Lab	70.9492, 3.1506, 33.2613

Details

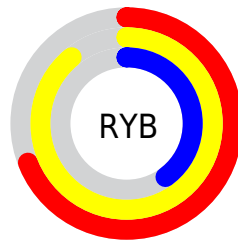
The Yxy color **50.3379, 0.4197, 0.4175** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **29.5656, 0.2197, 0.2169**, and the grayscale version is **49.1709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1949, 0.3781, 0.4111**, and **24.1213, 0.4457, 0.4352** is the 20% darker color. If you saturate the color by 10%, you get **46.6526, 0.4419, 0.4297**, and if you desaturate by 10%, it is **54.3552, 0.3974, 0.4027**.

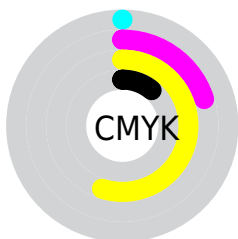
Distribution



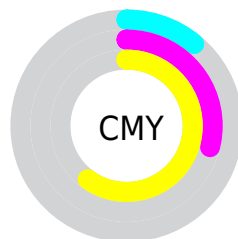
- Red (89%)
- Green (71%)
- Blue (40%)



- Red (69%)
- Yellow (89%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3379, 0.4197, 0.4175 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 50.3379, 0.4197, 0.4175 by changing the saturation by 10% instead.


 50.3379, 0.4197,
0.4175

 50.3379, 0.4197,
0.4175

387.9859, 0.3684,
0.3767


 35.6820, 0.4313,
0.4261


 90.6753, 0.4019,
0.4038


 24.1887, 0.4452,
0.4361


 117.1256, 0.3949,
0.3983

 15.4736, 0.4620,
0.4475


 148.2761, 0.3890,
0.3935

 9.1525, 0.4820,
0.4597

 184.5112, 0.3838,
0.3893

 4.8408, 0.5175,
0.4825

226.2154, 0.3792,
0.3856

 2.1541, 0.5267,
0.4733

273.7729, 0.3752,

 0.6948, 0.5483,

0.3823

0.4517

327.5683, 0.3716,
0.3794

0.0000, 0.0000,
0.0000

50.3379, 0.4197,
0.4175

50.3379, 0.4197,
0.4175

46.6526, 0.4419,
0.4297

54.3552, 0.3974,
0.4027

43.2781, 0.4630,
0.4381

58.7100, 0.3759,
0.3864

40.2013, 0.4818,
0.4418

63.4161, 0.3557,
0.3696

37.4036, 0.4973,
0.4401

68.4846, 0.3372,
0.3529

36.1091, 0.5041,
0.4379

73.9257, 0.3205,
0.3368

■ 79.7492, 0.3055,
0.3216

■ 85.5758, 0.2956,
0.3132

■ 90.5960, 0.2957,
0.3218

■ 95.0716, 0.2958,
0.3290

Harmonies

Analogous

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



50.3379, 0.4396, 0.3731



50.3379, 0.4197, 0.4175



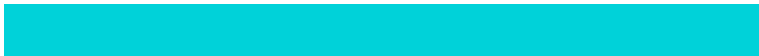
50.3379, 0.3715, 0.4440

Triad

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



50.3379, 0.4197, 0.4175



50.3379, 0.2138, 0.3189



50.3379, 0.3048, 0.2469

Complementary

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



50.3379, 0.4197, 0.4175



29.5656, 0.2197, 0.2169

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.



50.3379, 0.2482, 0.2310



50.3379, 0.4197, 0.4175



50.3379, 0.2001, 0.2654

Square

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



50.3379, 0.4197, 0.4175



50.3379, 0.2527, 0.3848



50.3379, 0.2120, 0.2362



50.3379, 0.3699, 0.2800

Rectangle

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



50.3379, 0.4197, 0.4175



50.3379, 0.3310, 0.4425



50.3379, 0.2120, 0.2362



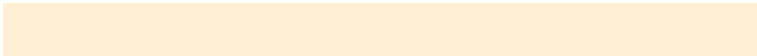
50.3379, 0.2841, 0.2395

Sweetspot

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



50.3403, 0.4197, 0.4175



87.7536, 0.3409, 0.3563



28.0419, 0.4111, 0.2749



18.4933, 0.3446, 0.3597



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.



50.3403, 0.4197, 0.4175



60.1037, 0.4449, 0.4311



69.9607, 0.3805, 0.4659



15.8784, 0.3277, 0.3438



21.2881, 0.5025, 0.4392



1.7491, 0.4872, 0.4514

Inverse Universe

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



29.5656, 0.2197, 0.2169



30.6173, 0.2014, 0.1889



18.8119, 0.2165, 0.1572



14.7517, 0.2981, 0.3137



7.0969, 0.1660, 0.1176



0.6971, 0.1741, 0.1469

Previews

White Background



This preview shows how the Yxy color 50.3379, 0.4197, 0.4175 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 50.3379, 0.4197, 0.4175 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 50.3379, 0.4197, 0.4175

Background



This preview shows how black text looks on a background with the Yxy color 50.3379, 0.4197, 0.4175.



This preview shows how white text looks on a background with the Yxy color 50.3379, 0.4197, 0.4175.

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

50.3379, 0.4197, 0.4175

Protanopia

50.2518, 0.3949, 0.4290

Deuteranopia

50.4248, 0.4231, 0.4154



Tritanopia

50.1210, 0.3580, 0.3134

Trichromacy



Original Color

50.3379, 0.4197, 0.4175

Protanomaly

49.9935, 0.4039, 0.4244

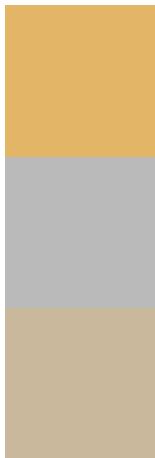
Deuteranomaly

50.2598, 0.4222, 0.4158

Tritanomaly

50.0154, 0.3816, 0.3522

Monochromacy



Original Color

50.3379, 0.4197, 0.4175

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.0650, 0.3513, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3379, 0.4197, 0.4175 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(227, 181, 102)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 102)  
}
```

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(227, 181, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 102) }
```

Border

The CSS property to change the border of an element to Yxy 50.3379, 0.4197, 0.4175 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(227, 181, 102) }
```

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

```
.border{ border-color:rgb(227, 181, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 102);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3379, 0.4197, 0.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 102) }
```

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

```
.background{ background-color: rgb(227,  
181, 102) }
```

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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