

Converting Colors

$Yxy(50.6013, 0.3796, 0.3576)$

Have a look what the booklet for
Yxy(50.6013, 0.3796, 0.3576)
contains.

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Color

Yxy(50.6347, 0.3796, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	E4B299
RGB	228, 178, 153
RGB Percent	89%, 70%, 60%
CMY	0.1057, 0.3020, 0.3999
CMYK	0.00, 0.22, 0.33, 0.11
HSL	20°, 58%, 75%
HSV	20°, 33%, 89%
XYZ	53.6748, 50.6347, 37.0888
YIQ	190.1000, 37.8250, 2.8250

Conversions

Conversions Part 2

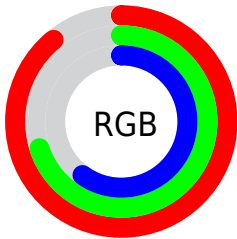
Format	Color
R _Y B	228, 191, 153
Decimal	14987929
CIE Lab	76.46, 14.76, 19.73
CIE LCh	76, 24.642, 53.202
Yxy	50.6347, 0.3796, 0.3581
Android (android.graphics.Color)	4293178009 (0xFFE4B299)
YUV	190.1000, -18.2903, 33.2383
Hunter-Lab	71.1581, 10.1165, 18.9077

Details

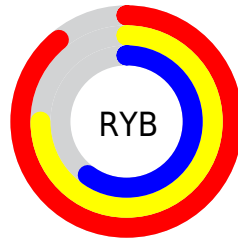
The Yxy color **50.6347, 0.3796, 0.3581** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1202, 0.2621, 0.2977**, and the grayscale version is **51.6474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6106, 0.3448, 0.3561**, and **24.2845, 0.3979, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **44.2325, 0.4076, 0.3671**, and if you desaturate by 10%, it is **57.8570, 0.3554, 0.3489**.

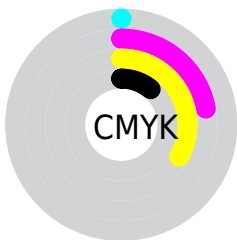
Distribution



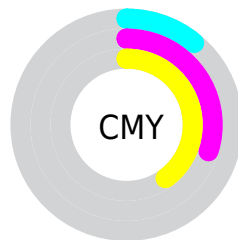
- Red (89%)
- Green (70%)
- Blue (60%)



- Red (89%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (11%)




- Cyan (11%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6347, 0.3796, 0.3581 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 50.6347, 0.3796, 0.3581 by changing the saturation by 10% instead.


 50.6347, 0.3796,
0.3581


 50.6347, 0.3796,
0.3581


389.1428, 0.3464,
0.3446

 35.9180, 0.3878,
0.3611


 91.1146, 0.3676,
0.3535

 24.3708, 0.3982,
0.3647


 117.6465, 0.3631,
0.3517

 15.6089, 0.4118,
0.3692


148.8856, 0.3592,
0.3501

 9.2479, 0.4304,
0.3746

185.2163, 0.3559,
0.3487

 4.9032, 0.4572,
0.3811

227.0230, 0.3531,
0.3475

 2.1906, 0.5016,
0.3906

274.6900, 0.3506,

 0.7149, 0.5963,

0.3465

0.4037

328.6019, 0.3483,
0.3455

0.0000, 0.0000,
0.0000

50.6347, 0.3796,
0.3581

50.6347, 0.3796,
0.3581

44.2325, 0.4076,
0.3671

57.8570, 0.3554,
0.3489

38.6133, 0.4392,
0.3752

65.9207, 0.3348,
0.3399

33.7473, 0.4738,
0.3814

74.8552, 0.3173,
0.3314

29.6002, 0.5096,
0.3843

84.6860, 0.3025,
0.3234

26.1343, 0.5438,
0.3829

94.6382, 0.2964,
0.3280

■ 23.3077, 0.5731,
0.3764

■ 95.2400, 0.2964,
0.3290

■ 21.6559, 0.5902,
0.3696

Harmonies

Analogous

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



50.6347, 0.3710, 0.3307



50.6347, 0.3796, 0.3581



50.6347, 0.3691, 0.3799

Triad

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



50.6347, 0.3796, 0.3581



50.6347, 0.2791, 0.3551



50.6347, 0.2804, 0.2745

Complementary

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



50.6347, 0.3796, 0.3581



55.1202, 0.2621, 0.2977

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.



50.6347, 0.2582, 0.2777



50.6347, 0.3796, 0.3581



50.6347, 0.2574, 0.3228

Square

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



50.6347, 0.3796, 0.3581



50.6347, 0.3104, 0.3803



50.6347, 0.2501, 0.2946



50.6347, 0.3122, 0.2842

Rectangle

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



50.6347, 0.3796, 0.3581



50.6347, 0.3532, 0.3879



50.6347, 0.2501, 0.2946



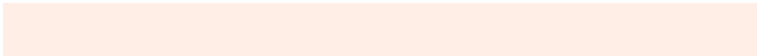
50.6347, 0.2716, 0.2740

Sweetspot

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



50.6371, 0.3796, 0.3581



88.0873, 0.3295, 0.3374



43.6615, 0.3378, 0.2714



18.5158, 0.3321, 0.3386



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.



50.6371, 0.3796, 0.3581



59.8915, 0.3969, 0.3639



67.0371, 0.3667, 0.3973



15.1479, 0.3284, 0.3369



12.6952, 0.5874, 0.3718



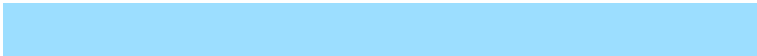
1.1040, 0.5591, 0.3943

Inverse Universe

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



55.1202, 0.2621, 0.2977



66.4305, 0.2527, 0.2906



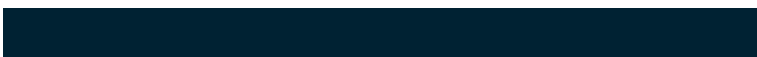
39.9313, 0.2561, 0.2498



15.4856, 0.2981, 0.3210



16.4479, 0.1935, 0.2166



1.3844, 0.1986, 0.2350

Previews

White Background



This preview shows how the Yxy color 50.6347, 0.3796, 0.3581 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 50.6347, 0.3796, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

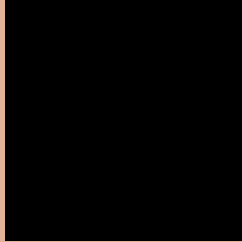
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6347, 0.3796, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 50.6347, 0.3796, 0.3581.



This preview shows how white text looks on a background with the Yxy color 50.6347, 0.3796, 0.3581.

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

50.6347, 0.3796, 0.3581

Protanopia

50.5772, 0.3460, 0.3668

Deuteranopia

50.5304, 0.3721, 0.3636



Tritanopia

50.6308, 0.3539, 0.3133

Trichromacy



Original Color

50.6347, 0.3796, 0.3581

Protanomaly

50.3829, 0.3586, 0.3634

Deuteranomaly

50.5975, 0.3752, 0.3621

Tritanomaly

50.7440, 0.3634, 0.3292

Monochromacy



Original Color

50.6347, 0.3796, 0.3581

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1295, 0.3352, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6347, 0.3796, 0.3581 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(228, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(228, 178, 153)  
}
```

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(228, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 178, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.6347, 0.3796, 0.3581 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(228, 178, 153) }
```

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

```
.border{ border-color:rgb(228, 178, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 178, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(228, 178,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6347, 0.3796, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 178, 153) }
```

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

```
.background{ background-color: rgb(228,  
178, 153) }
```

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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