

Converting Colors

Yxy(51.0377, 0.4083, 0.3995)

Have a look what the booklet for
Yxy(51.0377, 0.4083, 0.3995)
contains.

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Color

Yxy(51.0377, 0.4083, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	E5B577
RGB	229, 181, 119
RGB Percent	90%, 71%, 47%
CMY	0.1020, 0.2901, 0.5333
CMYK	0.00, 0.21, 0.48, 0.10
HSL	34°, 68%, 68%
HSV	34°, 48%, 90%
XYZ	52.1619, 51.0377, 24.5543
YIQ	188.2840, 48.5100, -9.1060

Conversions

Conversions Part 2

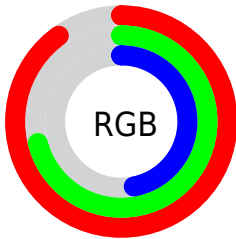
Format	Color
RYB	204, 229, 119
Decimal	15054199
CIELab	76.70, 9.79, 38.09
CIELCh	77, 39.332, 75.593
Yxy	51.0377, 0.4083, 0.3995
Android (android.graphics.Color)	4293244279 (0xFFE5B577)
YUV	188.2840, -34.1570, 35.7079
Hunter-Lab	71.4407, 5.3094, 29.6304

Details

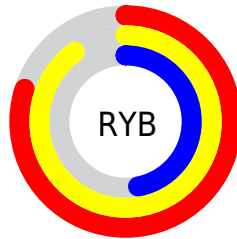
The Yxy color **51.0377, 0.4083, 0.3995** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.2029, 0.2337, 0.2445**, and the grayscale version is **50.6373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8069, 0.3673, 0.3944**, and **24.5259, 0.4327, 0.4148** is the 20% darker color. If you saturate the color by 10%, you get **46.6374, 0.4330, 0.4122**, and if you desaturate by 10%, it is **55.8666, 0.3847, 0.3851**.

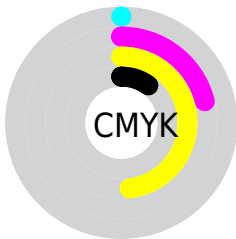
Distribution



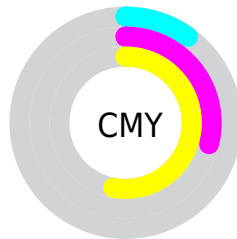
- Red (90%)
- Green (71%)
- Blue (47%)



- Red (80%)
- Yellow (90%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0377, 0.4083, 0.3995 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 51.0377, 0.4083, 0.3995 by changing the saturation by 10% instead.


 51.0377, 0.4083,
0.3995


 51.0377, 0.4083,
0.3995


390.7102, 0.3618,
0.3668


 36.2386, 0.4192,
0.4066


 91.7105, 0.3919,
0.3884

 24.6185, 0.4326,
0.4150


 118.3530, 0.3856,
0.3840

 15.7931, 0.4494,
0.4249


 149.7121, 0.3802,
0.3801

 9.3779, 0.4706,
0.4363

186.1722, 0.3755,
0.3768

 4.9885, 0.4998,
0.4501

228.1176, 0.3714,
0.3739

 2.2405, 0.5376,
0.4624

275.9329, 0.3678,

 0.7419, 0.5610,

0.3713

0.4390

330.0023, 0.3647,
0.3689

0.0000, 0.0000,
0.0000

51.0377, 0.4083,
0.3995

51.0377, 0.4083,
0.3995

46.6374, 0.4330,
0.4122

55.8666, 0.3847,
0.3851

42.6426, 0.4579,
0.4220

61.1312, 0.3629,
0.3700

39.0385, 0.4817,
0.4277

66.8479, 0.3431,
0.3548

35.8056, 0.5029,
0.4283

73.0293, 0.3254,
0.3402

32.9191, 0.5205,
0.4235

79.6880, 0.3098,
0.3263

■ 32.3854, 0.5238,
0.4223

■ 86.7458, 0.2968,
0.3148

■ 92.8190, 0.2969,
0.3249

■ 95.3947, 0.2970,
0.3290

Harmonies

Analogous

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



51.0377, 0.4190, 0.3610



51.0377, 0.4083, 0.3995



51.0377, 0.3715, 0.4236

Triad

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



51.0377, 0.4083, 0.3995



51.0377, 0.2331, 0.3306



51.0377, 0.2974, 0.2552

Complementary

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



51.0377, 0.4083, 0.3995



37.2029, 0.2337, 0.2445

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.



51.0377, 0.2514, 0.2446



51.0377, 0.4083, 0.3995



51.0377, 0.2169, 0.2827

Square

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



51.0377, 0.4083, 0.3995



51.0377, 0.2702, 0.3839



51.0377, 0.2234, 0.2532



51.0377, 0.3518, 0.2817

Rectangle

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



51.0377, 0.4083, 0.3995



51.0377, 0.3383, 0.4249



51.0377, 0.2234, 0.2532



51.0377, 0.2805, 0.2497

Sweetspot

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



51.0401, 0.4083, 0.3995



88.3755, 0.3359, 0.3490



32.6939, 0.3839, 0.2727



18.5554, 0.3398, 0.3522



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.



51.0401, 0.4083, 0.3995



59.3659, 0.4338, 0.4126



73.1237, 0.3791, 0.4476



15.7097, 0.3278, 0.3423



18.7639, 0.5218, 0.4239



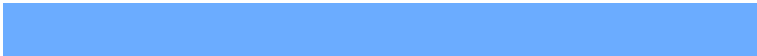
1.5707, 0.5027, 0.4390

Inverse Universe

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



37.2029, 0.2337, 0.2445



39.7065, 0.2171, 0.2222



23.1721, 0.2251, 0.1791



14.9161, 0.2981, 0.3154



8.6619, 0.1716, 0.1376



0.8222, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 51.0377, 0.4083, 0.3995 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 51.0377, 0.4083, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

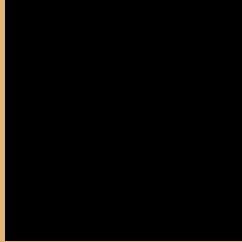
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0377, 0.4083, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 51.0377, 0.4083, 0.3995.



This preview shows how white text looks on a background with the Yxy color 51.0377, 0.4083, 0.3995.

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

51.0377, 0.4083, 0.3995

Protanopia

51.3539, 0.3804, 0.4123

Deuteranopia

51.0377, 0.4083, 0.3995



Tritanopia

51.0945, 0.3575, 0.3146

Trichromacy



Original Color

51.0377, 0.4083, 0.3995

Protanomaly

51.2173, 0.3899, 0.4079

Deuteranomaly

51.0377, 0.4083, 0.3995

Tritanomaly

50.9829, 0.3767, 0.3451

Monochromacy



Original Color

51.0377, 0.4083, 0.3995

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0388, 0.3461, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0377, 0.4083, 0.3995 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(229, 181, 119)` looks like.

```
.text, #text, p{  
    color:rgb(229, 181, 119)  
}
```

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(229, 181, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 181, 119) }
```

Border

The CSS property to change the border of an element to Yxy 51.0377, 0.4083, 0.3995 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(229, 181, 119) }
```

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

```
.border{ border-color:rgb(229, 181, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 181, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 181, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 181, 119);  
box-shadow:4px 4px 4px 4px rgb(229, 181,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0377, 0.4083, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 181, 119) }
```

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

```
.background{ background-color: rgb(229,  
181, 119) }
```

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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