

Converting Colors

Yxy(53.9872, 0.4092, 0.4191)

Have a look what the booklet for
Yxy(53.9872, 0.4092, 0.4191)
contains.

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Color

Yxy(53.8302, 0.4095, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	E3BD6D
RGB	227, 189, 109
RGB Percent	89%, 74%, 43%
CMY	0.1096, 0.2589, 0.5725
CMYK	0.00, 0.17, 0.52, 0.11
HSL	41°, 68%, 66%
HSV	41°, 52%, 89%
XYZ	52.6474, 53.8302, 22.0875
YIQ	191.2420, 48.3280, -16.8240

Conversions

Conversions Part 2

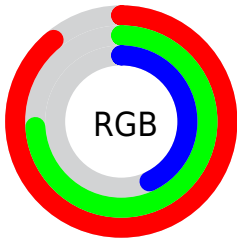
Format	Color
RYB	165, 227, 109
Decimal	14925165
CIELab	78.36, 3.89, 45.18
CIELCh	78, 45.347, 85.075
Yxy	53.8302, 0.4095, 0.4187
Android (android.graphics.Color)	4293115245 (0xFFE3BD6D)
YUV	191.2420, -40.5453, 31.3598
Hunter-Lab	73.3691, -0.3097, 33.5093

Details

The Yxy color **53.8302, 0.4095, 0.4187** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **29.6905, 0.2233, 0.2165**, and the grayscale version is **52.4712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1735, 0.3710, 0.4114**, and **26.3591, 0.4314, 0.4381** is the 20% darker color. If you saturate the color by 10%, you get **50.3350, 0.4302, 0.4327**, and if you desaturate by 10%, it is **57.6158, 0.3887, 0.4024**.

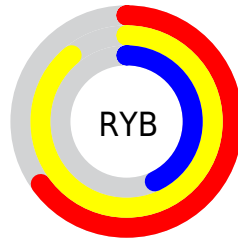
Distribution



Red (89%)

Green (74%)

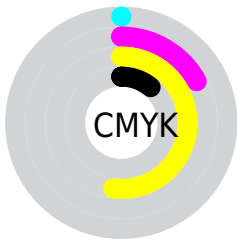
Blue (43%)



Red (65%)

Yellow (89%)

Blue (43%)

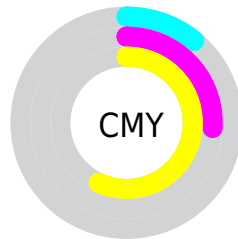


Cyan (0%)

Magenta (17%)

Yellow (52%)

Black (11%)



Cyan (11%)


Magenta (26%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8302, 0.4095, 0.4187 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 53.8302, 0.4095, 0.4187 by changing the saturation by 10% instead.

 53.8302, 0.4095,
0.4187

 53.8302, 0.4095,
0.4187


401.4622, 0.3637,
0.3771

 38.4659, 0.4197,
0.4277


 95.8249, 0.3937,
0.4045


 26.3445, 0.4320,
0.4384


 123.2241, 0.3875,
0.3989

 17.0815, 0.4468,
0.4509


 155.4037, 0.3821,
0.3941

 10.2926, 0.4645,
0.4651

 192.7482, 0.3775,
0.3898

 5.5934, 0.4911,
0.4863

235.6419, 0.3734,
0.3860

 2.5995, 0.5068,
0.4932

284.4692, 0.3698,

 0.9264, 0.5146,

0.3827

0.4854

339.6145, 0.3666,
0.3797

0.0000, 0.0000,
0.0000

53.8302, 0.4095,
0.4187

53.8302, 0.4095,
0.4187

50.3350, 0.4302,
0.4327

57.6158, 0.3887,
0.4024

47.1103, 0.4498,
0.4432

61.6951, 0.3684,
0.3848

44.1448, 0.4673,
0.4493

66.0812, 0.3494,
0.3669

41.4223, 0.4818,
0.4503

70.7837, 0.3317,
0.3492

39.3960, 0.4915,
0.4480

75.8114, 0.3157,
0.3323

■ 81.1732, 0.3013,
0.3163

■ 86.0149, 0.2956,
0.3140

■ 90.4180, 0.2957,
0.3215

■ 94.9971, 0.2958,
0.3288

Harmonies

Analogous

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



53.8302, 0.4328, 0.3782



53.8302, 0.4095, 0.4187



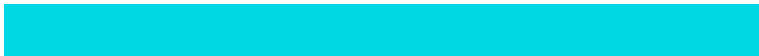
53.8302, 0.3610, 0.4392

Triad

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



53.8302, 0.4095, 0.4187



53.8302, 0.2150, 0.3113



53.8302, 0.3142, 0.2542

Complementary

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



53.8302, 0.4095, 0.4187



29.6905, 0.2233, 0.2165

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.



53.8302, 0.2580, 0.2364



53.8302, 0.4095, 0.4187



53.8302, 0.2053, 0.2632

Square

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



53.8302, 0.4095, 0.4187



53.8302, 0.2491, 0.3731



53.8302, 0.2202, 0.2384



53.8302, 0.3754, 0.2880

Rectangle

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



53.8302, 0.4095, 0.4187



53.8302, 0.3220, 0.4335



53.8302, 0.2202, 0.2384



53.8302, 0.2940, 0.2463

Sweetspot

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



53.8328, 0.4095, 0.4187



89.5373, 0.3388, 0.3564



29.4283, 0.4107, 0.2841



18.8936, 0.3425, 0.3601



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.



53.8328, 0.4095, 0.4187



65.3185, 0.4310, 0.4332



69.3857, 0.3729, 0.4614



15.9925, 0.3275, 0.3449



23.1860, 0.4901, 0.4490



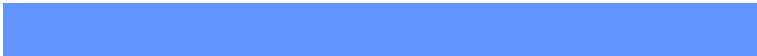
1.8799, 0.4772, 0.4593

Inverse Universe

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



29.6905, 0.2233, 0.2165



30.8967, 0.2055, 0.1893



21.1320, 0.2272, 0.1694



14.6421, 0.2981, 0.3126



6.2157, 0.1627, 0.1056



0.6229, 0.1708, 0.1347

Previews

White Background



This preview shows how the Yxy color 53.8302, 0.4095, 0.4187 looks on a white background.

Color Contrast Check

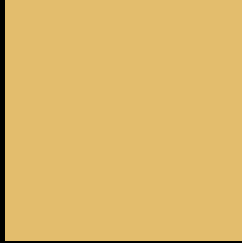
Large Text (above 18pt) WCAG AA × Fail

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 53.8302, 0.4095, 0.4187 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 53.8302, 0.4095, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 53.8302, 0.4095, 0.4187.



This preview shows how white text looks on a background with the Yxy color 53.8302, 0.4095, 0.4187.

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

53.8302, 0.4095, 0.4187

Protanopia

53.8774, 0.3927, 0.4266

Deuteranopia

53.8282, 0.4200, 0.4104



Tritanopia

53.7526, 0.3500, 0.3136

Trichromacy



Original Color

53.8302, 0.4095, 0.4187

Protanomaly

53.7305, 0.3990, 0.4239

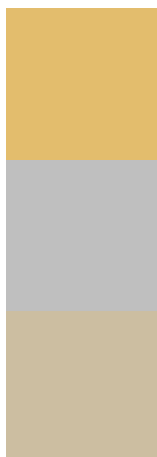
Deuteranomaly

53.5672, 0.4159, 0.4127

Tritanomaly

53.6314, 0.3735, 0.3530

Monochromacy



Original Color

53.8302, 0.4095, 0.4187

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2375, 0.3475, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8302, 0.4095, 0.4187 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, 189, 109)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 109)  
}
```

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, 189, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 109) }
```

Border

The CSS property to change the border of an element to Yxy 53.8302, 0.4095, 0.4187 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, 189, 109) }
```

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

```
.border{ border-color:rgb(227, 189, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 189, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 189, 109); box-shadow:4px 4px 4px 4px rgb(227, 189, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8302, 0.4095, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 109) }
```

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

```
.background{ background-color: rgb(227,  
189, 109) }
```

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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