

Converting Colors

$Yxy(59.2306, 0.3838, 0.3790)$

Have a look what the booklet for
Yxy(59.2306, 0.3838, 0.3790)
contains.

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Color

Yxy(59.2367, 0.3835, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	EDC396
RGB	237, 195, 150
RGB Percent	93%, 76%, 59%
CMY	0.0706, 0.2352, 0.4118
CMYK	0.00, 0.18, 0.37, 0.07
HSL	31°, 71%, 76%
HSV	31°, 37%, 93%
XYZ	59.9400, 59.2367, 37.1206
YIQ	202.4280, 39.4770, -5.0910

Conversions

Conversions Part 2

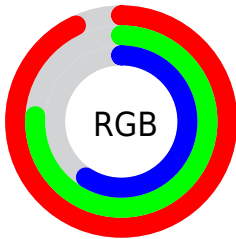
Format	Color
R _Y B	231, 237, 150
Decimal	15582102
CIE Lab	81.42, 8.85, 28.25
CIE LCh	81, 29.607, 72.598
Yxy	59.2367, 0.3835, 0.3790
Android (android.graphics.Color)	4293772182 (0xFFEDC396)
YUV	202.4280, -25.8470, 30.3196
Hunter-Lab	76.9654, 4.3250, 25.2800

Details

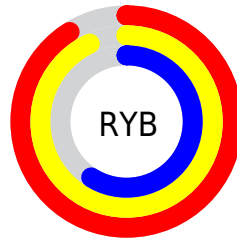
The Yxy color **59.2367, 0.3835, 0.3790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.2747, 0.2533, 0.2728**, and the grayscale version is **59.4901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2404, 0.3435, 0.3763**, and **29.6539, 0.4017, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **53.6226, 0.4081, 0.3925**, and if you desaturate by 10%, it is **65.4030, 0.3611, 0.3650**.

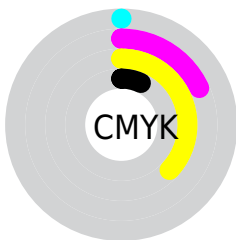
Distribution



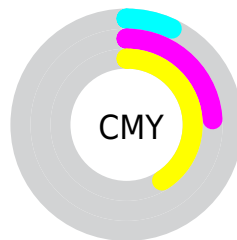
- Red (93%)
- Green (76%)
- Blue (59%)



- Red (91%)
- Yellow (93%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2367, 0.3835, 0.3790 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 59.2367, 0.3835, 0.3790 by changing the saturation by 10% instead.


 59.2367, 0.3835,
0.3790

 59.2367, 0.3835,
0.3790


421.7785, 0.3495,
0.3559

 42.8037, 0.3915,
0.3841


 103.7216, 0.3715,
0.3711

 29.7311, 0.4014,
0.3904


 132.5423, 0.3669,
0.3680

 19.6346, 0.4140,
0.3980


166.2610, 0.3630,
0.3653

 12.1297, 0.4305,
0.4076

205.2621, 0.3596,
0.3629

 6.8321, 0.4527,
0.4193

249.9300, 0.3566,
0.3609

 3.3573, 0.4858,
0.4354

300.6491, 0.3540,

 1.3210, 0.5414,

0.3590

0.4586

357.8038, 0.3516,
0.3574

0.1574, 0.6992,
0.3008

0.0000, 0.0000,
0.0000

59.2367, 0.3835,
0.3790

59.2367, 0.3835,
0.3790

53.6226, 0.4081,
0.3925

65.4030, 0.3611,
0.3650

48.5344, 0.4344,
0.4044

72.1302, 0.3410,
0.3510

43.9553, 0.4614,
0.4137

79.4372, 0.3234,
0.3376

39.8642, 0.4877,
0.4189

87.3394, 0.3078,
0.3249

■ 36.2376, 0.5116,
0.4191

■ 94.9531, 0.3017,
0.3262

■ 33.0479, 0.5317,
0.4137

■ 96.7418, 0.3017,
0.3290

■ 32.0834, 0.5378,
0.4112

Harmonies

Analogous

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



59.2367, 0.3882, 0.3509



59.2367, 0.3835, 0.3790



59.2367, 0.3593, 0.3960

Triad

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



59.2367, 0.3835, 0.3790



59.2367, 0.2570, 0.3348



59.2367, 0.2984, 0.2730

Complementary

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



59.2367, 0.3835, 0.3790



50.2747, 0.2533, 0.2728

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.



59.2367, 0.2655, 0.2668



59.2367, 0.3835, 0.3790



59.2367, 0.2427, 0.2997

Square

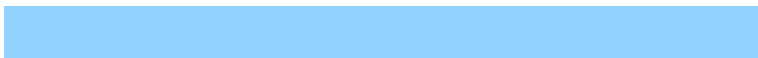
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.2367, 0.3835, 0.3790



59.2367, 0.2860, 0.3708



59.2367, 0.2458, 0.2757



59.2367, 0.3373, 0.2919

Rectangle

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



59.2367, 0.3835, 0.3790



59.2367, 0.3360, 0.3971



59.2367, 0.2458, 0.2757



59.2367, 0.2863, 0.2694

Sweetspot

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



59.2395, 0.3835, 0.3790



89.9915, 0.3307, 0.3433



43.6162, 0.3585, 0.2826



19.0105, 0.3331, 0.3451



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.



59.2395, 0.3835, 0.3790



64.9512, 0.4017, 0.3892



80.5140, 0.3668, 0.4206



16.3437, 0.3280, 0.3412



17.7835, 0.5353, 0.4131



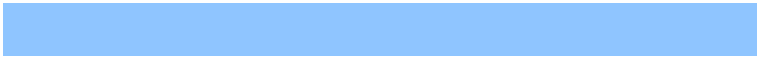
1.5890, 0.5149, 0.4293

Inverse Universe

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



50.2747, 0.2533, 0.2728



52.9411, 0.2411, 0.2589



34.5413, 0.2466, 0.2182



15.7482, 0.2981, 0.3165



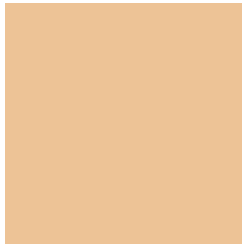
10.2100, 0.1756, 0.1522



0.9936, 0.1827, 0.1778

Previews

White Background



This preview shows how the Yxy color 59.2367, 0.3835, 0.3790 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 59.2367, 0.3835, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

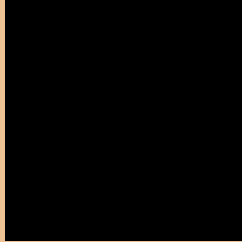
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2367, 0.3835, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 59.2367, 0.3835, 0.3790.



This preview shows how white text looks on a background with the Yxy color 59.2367, 0.3835, 0.3790.

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

59.2367, 0.3835, 0.3790

Protanopia

59.2927, 0.3616, 0.3864

Deuteranopia

59.1363, 0.3856, 0.3776



Tritanopia

59.1080, 0.3467, 0.3140

Trichromacy



Original Color

59.2367, 0.3835, 0.3790

Protanomaly

58.9611, 0.3693, 0.3832

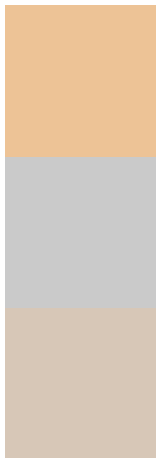
Deuteranomaly

58.9627, 0.3848, 0.3778

Tritanomaly

59.2058, 0.3602, 0.3379

Monochromacy



Original Color

59.2367, 0.3835, 0.3790

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7128, 0.3376, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2367, 0.3835, 0.3790 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(237, 195, 150)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 150)  
}
```

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(237, 195, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 150) }
```

Border

The CSS property to change the border of an element to Yxy 59.2367, 0.3835, 0.3790 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(237, 195, 150) }
```

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

```
.border{ border-color:rgb(237, 195, 150) }
```

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

Here you see how a box with a 4 pixel rgb(237, 195, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 150);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2367, 0.3835, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 150) }
```

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

```
.background{ background-color: rgb(237,  
195, 150) }
```

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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