

Converting Colors

$Yxy(59.6535, 0.3844, 0.3976)$

Have a look what the booklet for
Yxy(59.6535, 0.3844, 0.3976)
contains.

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Color

Yxy(59.5048, 0.3852, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	E6C78A
RGB	230, 199, 138
RGB Percent	90%, 78%, 54%
CMY	0.0982, 0.2195, 0.4589
CMYK	0.00, 0.13, 0.40, 0.10
HSL	40°, 65%, 72%
HSV	40°, 40%, 90%
XYZ	57.6345, 59.5048, 32.4830
YIQ	201.3150, 38.0570, -12.3990

Conversions

Conversions Part 2

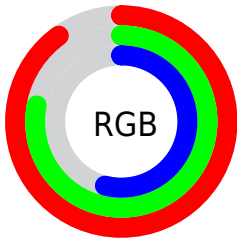
Format	Color
R _Y B	185, 230, 138
Decimal	15124362
CIE Lab	81.57, 2.65, 34.58
CIE LCh	82, 34.685, 85.614
Yxy	59.5048, 0.3852, 0.3977
Android (android.graphics.Color)	4293314442 (0xFFE6C78A)
YUV	201.3150, -31.2143, 25.1567
Hunter-Lab	77.1394, -1.6279, 29.0308

Details

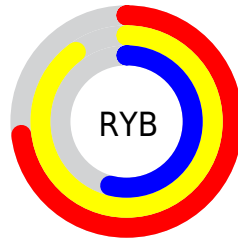
The Yxy color **59.5048, 0.3852, 0.3977** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.4600, 0.2452, 0.2485**, and the grayscale version is **58.7925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5858, 0.3502, 0.3910**, and **29.8232, 0.4031, 0.4134** is the 20% darker color. If you saturate the color by 10%, you get **55.4400, 0.4063, 0.4141**, and if you desaturate by 10%, it is **63.8972, 0.3649, 0.3803**.

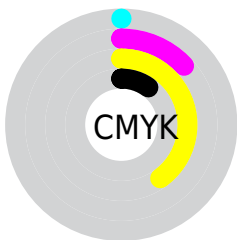
Distribution



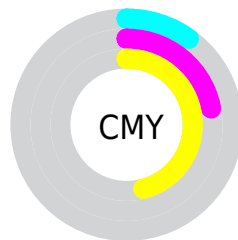
- Red (90%)
- Green (78%)
- Blue (54%)



- Red (73%)
- Yellow (90%)
- Blue (54%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5048, 0.3852, 0.3977 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 59.5048, 0.3852, 0.3977 by changing the saturation by 10% instead.

 59.5048, 0.3852,
0.3977


 59.5048, 0.3852,
0.3977


422.7701, 0.3509,
0.3656


 43.0196, 0.3930,
0.4049


 104.1110, 0.3732,
0.3866

 29.9005, 0.4027,
0.4137


 133.0008, 0.3686,
0.3823

 19.7631, 0.4147,
0.4246


 166.7942, 0.3646,
0.3785

 12.2229, 0.4299,
0.4381

205.8757, 0.3611,
0.3753

 6.8957, 0.4493,
0.4549

250.6296, 0.3581,
0.3724

 3.3970, 0.4864,
0.4874

301.4404, 0.3554,

 1.3423, 0.5039,

0.3699

0.4961

358.6924, 0.3530,
0.3676

■ 0.1736, 0.5696,
0.4304

■ 0.0000, 0.0000,
0.0000

■ 59.5048, 0.3852,
0.3977

■ 59.5048, 0.3852,
0.3977

■ 55.4400, 0.4063,
0.4141

■ 63.8972, 0.3649,
0.3803

■ 51.6828, 0.4276,
0.4283


■ 68.6196, 0.3459,
0.3627

■ 48.2232, 0.4481,
0.4394


■ 73.6850, 0.3285,
0.3455

■ 45.0471, 0.4668,
0.4461

■ 79.1028, 0.3127,
0.3290

 42.1380, 0.4826,
0.4478

 84.8822, 0.2986,
0.3135

 39.4698, 0.4954,
0.4449

 89.6077, 0.2975,
0.3194

 94.3983, 0.2975,
0.3271

 95.5574, 0.2975,
0.3290

Harmonies

Analogous

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



59.5048, 0.4018, 0.3688



59.5048, 0.3852, 0.3977



59.5048, 0.3494, 0.4099

Triad

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



59.5048, 0.3852, 0.3977



59.5048, 0.2385, 0.3164



59.5048, 0.3153, 0.2722

Complementary

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



59.5048, 0.3852, 0.3977



39.4600, 0.2452, 0.2485

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.



59.5048, 0.2727, 0.2583



59.5048, 0.3852, 0.3977



59.5048, 0.2308, 0.2802

Square

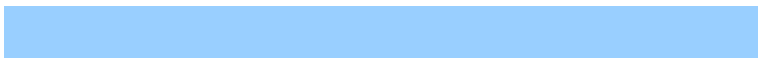
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5048, 0.3852, 0.3977



59.5048, 0.2650, 0.3606



59.5048, 0.2428, 0.2604



59.5048, 0.3601, 0.2989

Rectangle

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



59.5048, 0.3852, 0.3977



59.5048, 0.3201, 0.4041



59.5048, 0.2428, 0.2604



59.5048, 0.3002, 0.2660

Sweetspot

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



59.5076, 0.3852, 0.3977



91.7904, 0.3320, 0.3490



37.8965, 0.3776, 0.2921



19.4641, 0.3342, 0.3512



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.



59.5076, 0.3852, 0.3977



70.9459, 0.4027, 0.4113



73.0337, 0.3620, 0.4317



15.9575, 0.3276, 0.3445



22.5873, 0.4939, 0.4461



1.8389, 0.4802, 0.4569

Inverse Universe

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



39.4600, 0.2452, 0.2485



42.3602, 0.2303, 0.2282



30.5352, 0.2491, 0.2097



14.6756, 0.2981, 0.3130



6.4715, 0.1637, 0.1091



0.6448, 0.1718, 0.1384

Previews

White Background



This preview shows how the Yxy color 59.5048, 0.3852, 0.3977 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 59.5048, 0.3852, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

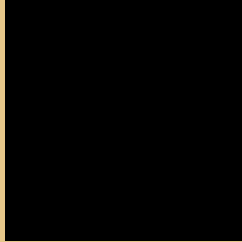
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5048, 0.3852, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 59.5048, 0.3852, 0.3977.



This preview shows how white text looks on a background with the Yxy color 59.5048, 0.3852, 0.3977.

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

59.5048, 0.3852, 0.3977

Protanopia

59.6654, 0.3727, 0.4021

Deuteranopia

59.3249, 0.3970, 0.3888



Tritanopia

59.2392, 0.3398, 0.3128

Trichromacy



Original Color

59.5048, 0.3852, 0.3977

Protanomaly

59.7931, 0.3772, 0.4013

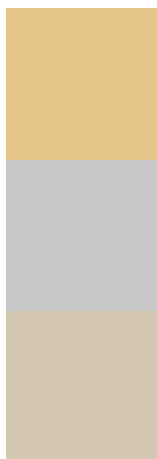
Deuteranomaly

59.5211, 0.3926, 0.3917

Tritanomaly

58.9685, 0.3563, 0.3425

Monochromacy



Original Color

59.5048, 0.3852, 0.3977

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5200, 0.3388, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5048, 0.3852, 0.3977 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(230, 199, 138)` looks like.

```
.text, #text, p{  
    color:rgb(230, 199, 138)  
}
```

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(230, 199, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 199, 138) }
```

Border

The CSS property to change the border of an element to Yxy 59.5048, 0.3852, 0.3977 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(230, 199, 138) }
```

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

```
.border{ border-color:rgb(230, 199, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 199, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 199, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 199, 138); box-shadow:4px 4px 4px 4px rgb(230, 199, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5048, 0.3852, 0.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 199, 138) }
```

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

```
.background{ background-color: rgb(230,  
199, 138) }
```

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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