

Converting Colors

Yxy(63.9508, 0.3907, 0.4126)

Have a look what the booklet for
Yxy(63.9508, 0.3907, 0.4126)
contains.

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Color

Yxy(63.9265, 0.3909, 0.4119)

Conversions

Conversions Part 1

Format	Color
Hex	EBCF83
RGB	235, 207, 131
RGB Percent	92%, 81%, 51%
CMY	0.0785, 0.1882, 0.4864
CMYK	0.00, 0.12, 0.44, 0.08
HSL	44°, 72%, 72%
HSV	44°, 44%, 92%
XYZ	60.6673, 63.9265, 30.6053
YIQ	206.7080, 41.0840, -17.7000

Conversions

Conversions Part 2

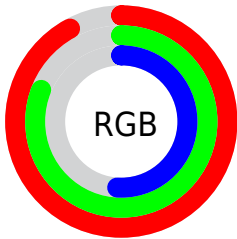
Format	Color
R _Y B	169, 235, 131
Decimal	15454083
CIE Lab	83.93, -0.22, 41.28
CIE LCh	84, 41.278, 90.305
Yxy	63.9265, 0.3909, 0.4119
Android (android.graphics.Color)	4293644163 (0xFFEBCF83)
YUV	206.7080, -37.3240, 24.8121
Hunter-Lab	79.9540, -4.4778, 33.2725

Details

The Yxy color **63.9265, 0.3909, 0.4119** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.6034, 0.2357, 0.2284**, and the grayscale version is **62.4239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **32.7088, 0.4078, 0.4307** is the 20% darker color. If you saturate the color by 10%, you get **60.3606, 0.4103, 0.4288**, and if you desaturate by 10%, it is **67.7655, 0.3716, 0.3934**.

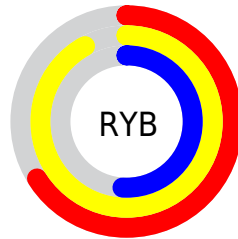
Distribution



Red (92%)

Green (81%)

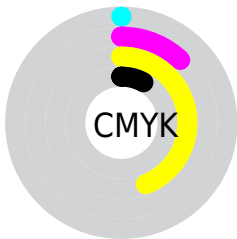
Blue (51%)



Red (66%)

Yellow (92%)

Blue (51%)

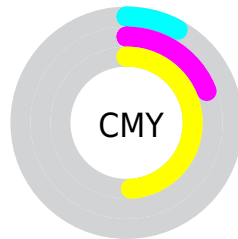


Cyan (0%)

Magenta (12%)

Yellow (44%)

Black (8%)



Cyan (8%)


Magenta (19%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9265, 0.3909, 0.4119 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 63.9265, 0.3909, 0.4119 by changing the saturation by 10% instead.


 63.9265, 0.3909,
0.4119


 63.9265, 0.3909,
0.4119


438.9242, 0.3548,
0.3736

 46.5911, 0.3988,
0.4203


 110.5051, 0.3786,
0.3988

 32.7126, 0.4084,
0.4305


 140.5171, 0.3737,
0.3936

 21.9063, 0.4200,
0.4429


 175.5234, 0.3695,
0.3892

 13.7881, 0.4341,
0.4579

215.9085, 0.3658,
0.3853

 7.9734, 0.4510,
0.4759

262.0568, 0.3626,
0.3818

 4.0780, 0.4863,
0.5137

314.3525, 0.3597,

 1.7173, 0.4860,

0.3788

0.5140

373.1802, 0.3571,
0.3761

0.4348, 0.4840,
0.5160

0.0000, 0.0000,
0.0000

63.9265, 0.3909,
0.4119

63.9265, 0.3909,
0.4119

60.3606, 0.4103,
0.4288

67.7655, 0.3716,
0.3934

57.0476, 0.4289,
0.4430


71.8790, 0.3529,
0.3742

53.9778, 0.4460,
0.4535


76.2797, 0.3354,
0.3551


51.1369, 0.4605,
0.4594

80.9764, 0.3192,
0.3366

 48.5075, 0.4720,
0.4603

 85.9777, 0.3044,
0.3191

 47.0802, 0.4775,
0.4591

 90.1499, 0.3006,
0.3190

 94.0394, 0.3005,
0.3253

 96.4009, 0.3005,
0.3290

Harmonies

Analogous

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



63.9265, 0.4149, 0.3798



63.9265, 0.3909, 0.4119



63.9265, 0.3467, 0.4233

Triad

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



63.9265, 0.3909, 0.4119



63.9265, 0.2245, 0.3061



63.9265, 0.3237, 0.2679

Complementary

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



63.9265, 0.3909, 0.4119



35.6034, 0.2357, 0.2284

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.



63.9265, 0.2732, 0.2494



63.9265, 0.3909, 0.4119



63.9265, 0.2196, 0.2673

Square

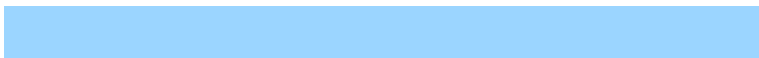
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.9265, 0.3909, 0.4119



63.9265, 0.2513, 0.3577



63.9265, 0.2365, 0.2484



63.9265, 0.3750, 0.2998

Rectangle

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



63.9265, 0.3909, 0.4119



63.9265, 0.3125, 0.4138



63.9265, 0.2365, 0.2484



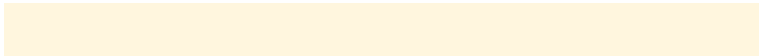
63.9265, 0.3060, 0.2600

Sweetspot

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



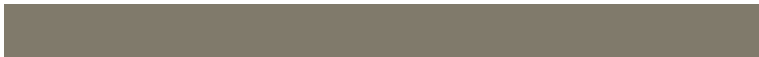
63.9295, 0.3909, 0.4119



92.4873, 0.3334, 0.3528



36.4411, 0.3960, 0.2960



19.5362, 0.3371, 0.3570



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.



63.9295, 0.3909, 0.4119



73.0888, 0.4083, 0.4272



75.1153, 0.3616, 0.4446



16.9016, 0.3275, 0.3461



26.4257, 0.4763, 0.4600



2.2324, 0.4667, 0.4677

Inverse Universe

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



35.6034, 0.2357, 0.2284



35.0492, 0.2190, 0.2036



29.0465, 0.2461, 0.1967



15.2081, 0.2980, 0.3113



5.5104, 0.1592, 0.0930



0.5872, 0.1666, 0.1196

Previews

White Background



This preview shows how the Yxy color 63.9265, 0.3909, 0.4119 looks on a white background.

Color Contrast Check

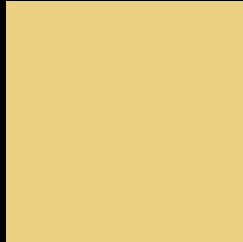
Large Text (above 18pt) WCAG AA × Fail

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 63.9265, 0.3909, 0.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

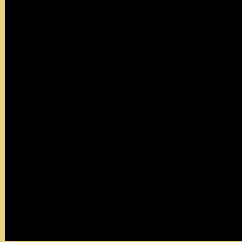
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9265, 0.3909, 0.4119

Background



This preview shows how black text looks on a background with the Yxy color 63.9265, 0.3909, 0.4119.



This preview shows how white text looks on a background with the Yxy color 63.9265, 0.3909, 0.4119.

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

63.9265, 0.3909, 0.4119

Protanopia

63.7609, 0.3835, 0.4147

Deuteranopia

63.8571, 0.4086, 0.3994



Tritanopia

63.7407, 0.3381, 0.3132

Trichromacy



Original Color

63.9265, 0.3909, 0.4119

Protanomaly

63.7666, 0.3864, 0.4129

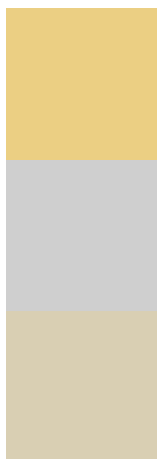
Deuteranomaly

63.9706, 0.4012, 0.4040

Tritanomaly

63.7175, 0.3577, 0.3487

Monochromacy



Original Color

63.9265, 0.3909, 0.4119

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6320, 0.3408, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9265, 0.3909, 0.4119 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(235, 207, 131)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 131)  
}
```

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(235, 207, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 131) }
```

Border

The CSS property to change the border of an element to Yxy 63.9265, 0.3909, 0.4119 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(235, 207, 131) }
```

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

```
.border{ border-color:rgb(235, 207, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 207, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 131);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9265, 0.3909, 0.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 131) }
```

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

```
.background{ background-color: rgb(235,  
207, 131) }
```

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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