

Converting Colors

Yxy(64.4648, 0.3909, 0.4069)

Have a look what the booklet for
Yxy(64.4648, 0.3909, 0.4069)
contains.

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Color

Yxy(64.5521, 0.3905, 0.4070)

Conversions

Conversions Part 1

Format	Color
Hex	EECF87
RGB	238, 207, 135
RGB Percent	93%, 81%, 53%
CMY	0.0668, 0.1882, 0.4706
CMYK	0.00, 0.13, 0.43, 0.07
HSL	42°, 75%, 73%
HSV	42°, 43%, 93%
XYZ	61.9351, 64.5521, 32.1174
YIQ	208.0610, 41.5880, -15.8200

Conversions

Conversions Part 2

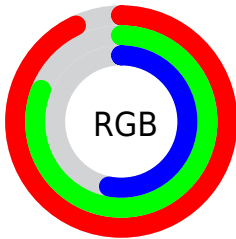
Format	Color
RYB	179, 238, 135
Decimal	15650695
CIELab	84.25, 1.36, 39.71
CIELCh	84, 39.738, 88.042
Yxy	64.5521, 0.3905, 0.4070
Android (android.graphics.Color)	4293840775 (0xFFEECF87)
YUV	208.0610, -36.0191, 26.2565
Hunter-Lab	80.3443, -3.0021, 32.5400

Details

The Yxy color **64.5521, 0.3905, 0.4070** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.5714, 0.2383, 0.2354**, and the grayscale version is **63.3352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4541, 0.3520, 0.3939**, and **33.1259, 0.4076, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **60.5711, 0.4108, 0.4235**, and if you desaturate by 10%, it is **68.8459, 0.3706, 0.3890**.

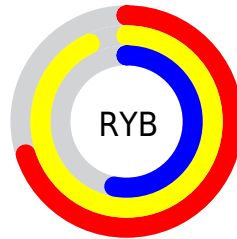
Distribution



Red (93%)

Green (81%)

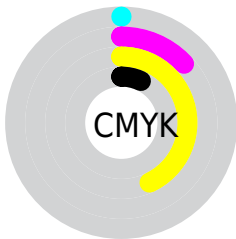
Blue (53%)



Red (70%)

Yellow (93%)

Blue (53%)

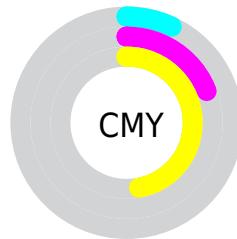


Cyan (0%)

Magenta (13%)

Yellow (43%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5521, 0.3905, 0.4070 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 64.5521, 0.3905, 0.4070 by changing the saturation by 10% instead.


 64.5521, 0.3905,
0.4070

 64.5521, 0.3905,
0.4070


441.1807, 0.3545,
0.3711

 47.0980, 0.3985,
0.4149


 111.4057, 0.3781,
0.3947

 33.1131, 0.4081,
0.4244


 141.5739, 0.3733,
0.3899

 22.2131, 0.4199,
0.4359


 176.7490, 0.3691,
0.3857

 14.0136, 0.4345,
0.4500

217.3153, 0.3654,
0.3821

 8.1301, 0.4522,
0.4670

263.6572, 0.3622,
0.3788

 4.1783, 0.4845,
0.4980

316.1592, 0.3593,

 1.7738, 0.4951,

0.3760

0.5049

375.2055, 0.3568,
0.3734

0.4708, 0.5052,
0.4948

0.0000, 0.0000,
0.0000

64.5521, 0.3905,
0.4070

64.5521, 0.3905,
0.4070

60.5711, 0.4108,
0.4235

68.8459, 0.3706,
0.3890

56.8815, 0.4307,
0.4375


73.4545, 0.3516,
0.3706


53.4731, 0.4492,
0.4479


78.3914, 0.3339,
0.3522


50.3306, 0.4654,
0.4537

83.6663, 0.3177,
0.3346

 47.4358, 0.4785,
0.4544

 89.2886, 0.3030,
0.3179

 45.6085, 0.4858,
0.4525

 93.7119, 0.3024,
0.3240

 96.9096, 0.3023,
0.3290

Harmonies

Analogous

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



64.5521, 0.4115, 0.3754



64.5521, 0.3905, 0.4070



64.5521, 0.3492, 0.4195

Triad

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



64.5521, 0.3905, 0.4070



64.5521, 0.2291, 0.3107



64.5521, 0.3195, 0.2683

Complementary

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



64.5521, 0.3905, 0.4070



38.5714, 0.2383, 0.2354

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.



64.5521, 0.2715, 0.2516



64.5521, 0.3905, 0.4070



64.5521, 0.2226, 0.2720

Square

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



64.5521, 0.3905, 0.4070



64.5521, 0.2565, 0.3603



64.5521, 0.2374, 0.2521



64.5521, 0.3691, 0.2983

Rectangle

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



64.5521, 0.3905, 0.4070



64.5521, 0.3165, 0.4118



64.5521, 0.2374, 0.2521



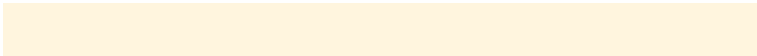
64.5521, 0.3025, 0.2610

Sweetspot

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



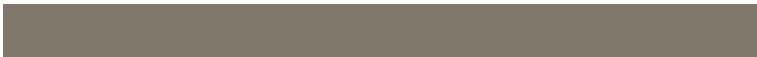
64.5551, 0.3905, 0.4070



91.8545, 0.3335, 0.3518



38.3108, 0.3894, 0.2929



19.3791, 0.3373, 0.3559



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.



64.5551, 0.3905, 0.4070



71.3561, 0.4086, 0.4219



77.9457, 0.3632, 0.4411



17.6104, 0.3276, 0.3455



25.6926, 0.4845, 0.4535



2.3107, 0.4738, 0.4620

Inverse Universe

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



38.5714, 0.2383, 0.2354



37.3131, 0.2219, 0.2118



30.3573, 0.2452, 0.1991



16.0030, 0.2980, 0.3120



6.1922, 0.1611, 0.0999



0.6830, 0.1683, 0.1257

Previews

White Background



This preview shows how the Yxy color 64.5521, 0.3905, 0.4070 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 64.5521, 0.3905, 0.4070 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 64.5521, 0.3905, 0.4070

Background



This preview shows how black text looks on a background with the Yxy color 64.5521, 0.3905, 0.4070.



This preview shows how white text looks on a background with the Yxy color 64.5521, 0.3905, 0.4070.

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

64.5521, 0.3905, 0.4070

Protanopia

64.5288, 0.3811, 0.4112

Deuteranopia

64.4335, 0.4051, 0.3964



Tritanopia

64.3294, 0.3397, 0.3123

Trichromacy



Original Color

64.5521, 0.3905, 0.4070

Protanomaly

64.5343, 0.3840, 0.4094

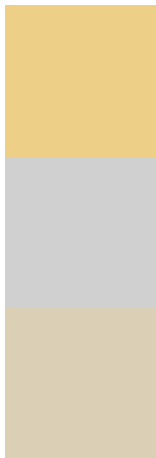
Deuteranomaly

64.4459, 0.4000, 0.3996

Tritanomaly

64.3308, 0.3586, 0.3463

Monochromacy



Original Color

64.5521, 0.3905, 0.4070

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5080, 0.3407, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5521, 0.3905, 0.4070 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(238, 207, 135)` looks like.

```
.text, #text, p{  
    color:rgb(238, 207, 135)  
}
```

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(238, 207, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 207, 135) }
```

Border

The CSS property to change the border of an element to Yxy 64.5521, 0.3905, 0.4070 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(238, 207, 135) }
```

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

```
.border{ border-color:rgb(238, 207, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 207, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 207, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 207, 135);  
box-shadow:4px 4px 4px 4px rgb(238, 207,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5521, 0.3905, 0.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 207, 135) }
```

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

```
.background{ background-color: rgb(238,  
207, 135) }
```

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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