

Converting Colors

Yxy(64.0486, 0.4047, 0.4119)

Have a look what the booklet for
Yxy(64.0486, 0.4047, 0.4119)
contains.

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Color

Yxy(64.0789, 0.4049, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	F5CC7D
RGB	245, 204, 125
RGB Percent	96%, 80%, 49%
CMY	0.0391, 0.2000, 0.5098
CMYK	0.00, 0.17, 0.49, 0.04
HSL	39°, 86%, 73%
HSV	39°, 49%, 96%
XYZ	62.9593, 64.0789, 28.4553
YIQ	207.2530, 49.7950, -15.8770

Conversions

Conversions Part 2

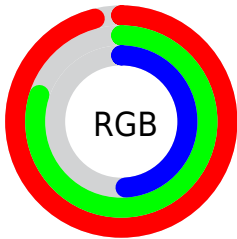
Format	Color
R _Y B	187, 245, 125
Decimal	16108669
CIE Lab	84.01, 4.79, 44.56
CIE LCh	84, 44.814, 83.860
Yxy	64.0789, 0.4049, 0.4121
Android (android.graphics.Color)	4294298749 (0xFFF5CC7D)
YUV	207.2530, -40.5507, 33.1041
Hunter-Lab	80.0493, 0.3053, 34.9585

Details

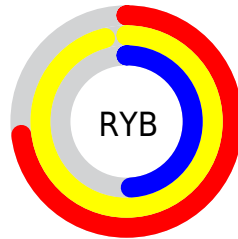
The Yxy color **64.0789, 0.4049, 0.4121** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.2455, 0.2289, 0.2268**, and the grayscale version is **62.8150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **32.7462, 0.4249, 0.4296** is the 20% darker color. If you saturate the color by 10%, you get **59.6549, 0.4265, 0.4265**, and if you desaturate by 10%, it is **68.8777, 0.3836, 0.3957**.

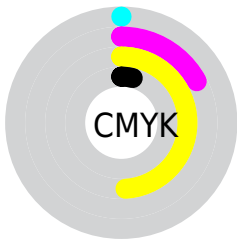
Distribution



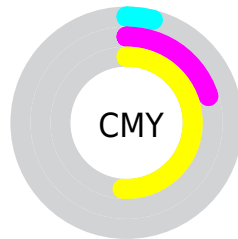
- Red (96%)
- Green (80%)
- Blue (49%)



- Red (73%)
- Yellow (96%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0789, 0.4049, 0.4121 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 64.0789, 0.4049, 0.4121 by changing the saturation by 10% instead.


 64.0789, 0.4049,
0.4121

 64.0789, 0.4049,
0.4121


439.4745, 0.3623,
0.3746

 46.7146, 0.4142,
0.4201


 110.7246, 0.3904,
0.3995

 32.8101, 0.4254,
0.4295


 140.7747, 0.3846,
0.3945

 21.9810, 0.4390,
0.4406


 175.8222, 0.3797,
0.3901

 13.8429, 0.4554,
0.4535

216.2515, 0.3753,
0.3862

 8.0115, 0.4748,
0.4677

262.4470, 0.3715,
0.3828

 4.1023, 0.5079,
0.4921

314.7931, 0.3681,

 1.7310, 0.5146,

0.3798

0.4854

373.6741, 0.3651,
0.3770

■ 0.4436, 0.5484,
0.4516

■ 0.0000, 0.0000,
0.0000

■ 64.0789, 0.4049,
0.4121

■ 64.0789, 0.4049,
0.4121

■ 59.6549, 0.4265,
0.4265

■ 68.8777, 0.3836,
0.3957

■ 55.5816, 0.4474,
0.4378

■ 74.0559, 0.3632,
0.3783


■ 51.8455, 0.4665,
0.4449


■ 79.6291, 0.3442,
0.3608

■ 48.4276, 0.4828,
0.4468


■ 85.6091, 0.3269,
0.3437

 45.3007, 0.4959,
0.4438

 92.0074, 0.3112,
0.3274

 44.9953, 0.4972,
0.4434

 97.6885, 0.3066,
0.3283

 98.1581, 0.3066,
0.3290

Harmonies

Analogous

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



64.0789, 0.4250, 0.3741



64.0789, 0.4049, 0.4121



64.0789, 0.3605, 0.4314

Triad

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



64.0789, 0.4049, 0.4121



64.0789, 0.2219, 0.3151



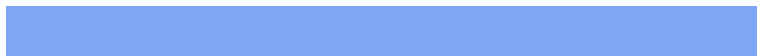
64.0789, 0.3119, 0.2577

Complementary

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



64.0789, 0.4049, 0.4121



38.2455, 0.2289, 0.2268

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.



64.0789, 0.2598, 0.2416



64.0789, 0.4049, 0.4121



64.0789, 0.2116, 0.2692

Square

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



64.0789, 0.4049, 0.4121



64.0789, 0.2551, 0.3723



64.0789, 0.2248, 0.2446



64.0789, 0.3691, 0.2891

Rectangle

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



64.0789, 0.4049, 0.4121



64.0789, 0.3241, 0.4267



64.0789, 0.2248, 0.2446



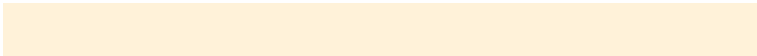
64.0789, 0.2932, 0.2504

Sweetspot

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



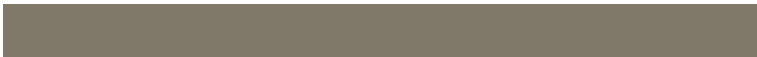
64.0819, 0.4049, 0.4121



89.7143, 0.3372, 0.3540



36.8790, 0.4004, 0.2841



18.9108, 0.3409, 0.3576



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.



64.0819, 0.4049, 0.4121



65.2467, 0.4268, 0.4267



83.1401, 0.3717, 0.4542



18.3037, 0.3277, 0.3445



24.5005, 0.4956, 0.4447



2.3438, 0.4836, 0.4542

Inverse Universe

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



38.2455, 0.2289, 0.2268



33.9703, 0.2113, 0.2011



27.1056, 0.2312, 0.1783



16.8530, 0.2980, 0.3130



7.1788, 0.1639, 0.1101



0.8144, 0.1708, 0.1349

Previews

White Background



This preview shows how the Yxy color 64.0789, 0.4049, 0.4121 looks on a white background.

Color Contrast Check

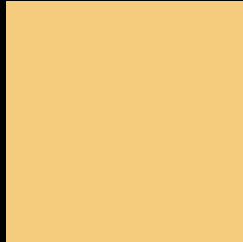
Large Text (above 18pt) WCAG AA × Fail

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 64.0789, 0.4049, 0.4121 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 64.0789, 0.4049, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 64.0789, 0.4049, 0.4121.



This preview shows how white text looks on a background with the Yxy color 64.0789, 0.4049, 0.4121.

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

64.0789, 0.4049, 0.4121

Protanopia

64.2835, 0.3873, 0.4206

Deuteranopia

63.8857, 0.4138, 0.4048



Tritanopia

64.0697, 0.3490, 0.3136

Trichromacy



Original Color

64.0789, 0.4049, 0.4121

Protanomaly

64.2803, 0.3939, 0.4179

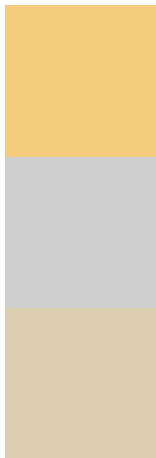
Deuteranomaly

63.7889, 0.4107, 0.4066

Tritanomaly

63.9265, 0.3708, 0.3503

Monochromacy



Original Color

64.0789, 0.4049, 0.4121

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6891, 0.3457, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0789, 0.4049, 0.4121 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(245, 204, 125)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 125)  
}
```

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(245, 204, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 125) }
```

Border

The CSS property to change the border of an element to Yxy 64.0789, 0.4049, 0.4121 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(245, 204, 125) }
```

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

```
.border{ border-color:rgb(245, 204, 125) }
```

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

Here you see how a box with a 4 pixel rgb(245, 204, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 125);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0789, 0.4049, 0.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 125) }
```

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

```
.background{ background-color: rgb(245,  
204, 125) }
```

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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