

Converting Colors

$Yxy(63.7047, 0.4188, 0.4248)$

Have a look what the booklet for
Yxy(63.7047, 0.4188, 0.4248)
contains.

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Color

Yxy(63.7725, 0.4187, 0.4250)

Conversions

Conversions Part 1

Format	Color
Hex	F8CB6D
RGB	248, 203, 109
RGB Percent	97%, 80%, 43%
CMY	0.0274, 0.2039, 0.5727
CMYK	0.00, 0.18, 0.56, 0.03
HSL	41°, 91%, 70%
HSV	41°, 56%, 97%
XYZ	62.8272, 63.7725, 23.4533
YIQ	205.7390, 56.9940, -19.6940

Conversions

Conversions Part 2

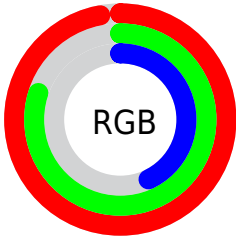
Format	Color
R _Y B	176, 248, 109
Decimal	16305005
CIE Lab	83.85, 5.18, 52.26
CIE LCh	84, 52.517, 84.344
Yxy	63.7725, 0.4187, 0.4250
Android (android.graphics.Color)	4294495085 (0xFFF8CB6D)
YUV	205.7390, -47.6923, 37.0629
Hunter-Lab	79.8577, 0.6820, 38.4876

Details

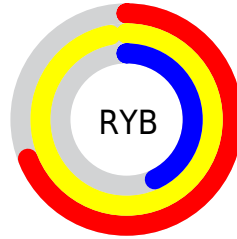
The Yxy color **63.7725, 0.4187, 0.4250** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.1228, 0.2157, 0.2054**, and the grayscale version is **61.8289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **32.6091, 0.4416, 0.4435** is the 20% darker color. If you saturate the color by 10%, you get **59.6215, 0.4392, 0.4377**, and if you desaturate by 10%, it is **68.2765, 0.3977, 0.4095**.

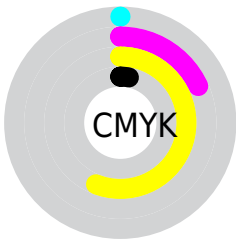
Distribution



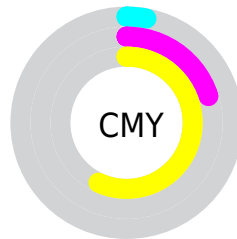
- Red (97%)
- Green (80%)
- Blue (43%)



- Red (69%)
- Yellow (97%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (56%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7725, 0.4187, 0.4250 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 63.7725, 0.4187, 0.4250 by changing the saturation by 10% instead.


 63.7725, 0.4187,
0.4250

 63.7725, 0.4187,
0.4250


438.3676, 0.3704,
0.3824


 46.4664, 0.4289,
0.4337

 110.2832, 0.4025,
0.4110


 32.6141, 0.4410,
0.4437


 140.2567, 0.3960,
0.4053

 21.8310, 0.4552,
0.4550


 175.2214, 0.3903,
0.4003

 13.7327, 0.4715,
0.4674

 215.5618, 0.3854,
0.3958

 7.9350, 0.4921,
0.4820

261.6622, 0.3810,
0.3919

 4.0534, 0.5096,
0.4904

313.9070, 0.3771,

 1.7035, 0.5169,

0.3884

0.4831

372.6807, 0.3736,
0.3853

0.4259, 0.5550,
0.4450

0.0000, 0.0000,
0.0000

63.7725, 0.4187,
0.4250

63.7725, 0.4187,
0.4250

59.6215, 0.4392,
0.4377

68.2765, 0.3977,
0.4095

55.7983, 0.4581,
0.4464

73.1388, 0.3770,
0.3923

52.2878, 0.4745,
0.4502

78.3756, 0.3573,
0.3744

49.0679, 0.4877,
0.4488

83.9991, 0.3389,
0.3565

47.8688, 0.4922,
0.4474

90.0210, 0.3221,
0.3391

96.2730, 0.3085,
0.3253

98.6974, 0.3084,
0.3290

Harmonies

Analogous

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



63.7725, 0.4439, 0.3800



63.7725, 0.4187, 0.4250



63.7725, 0.3661, 0.4496

Triad

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



63.7725, 0.4187, 0.4250



63.7725, 0.2072, 0.3105



63.7725, 0.3123, 0.2474

Complementary

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



63.7725, 0.4187, 0.4250



33.1228, 0.2157, 0.2054

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.



63.7725, 0.2518, 0.2286



63.7725, 0.4187, 0.4250



63.7725, 0.1964, 0.2579

Square

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



63.7725, 0.4187, 0.4250



63.7725, 0.2443, 0.3791



63.7725, 0.2118, 0.2310



63.7725, 0.3797, 0.2832

Rectangle

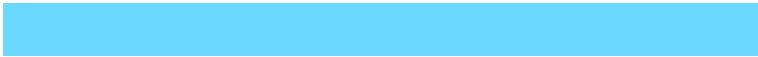
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7725, 0.4187, 0.4250



63.7725, 0.3236, 0.4449



63.7725, 0.2118, 0.2310



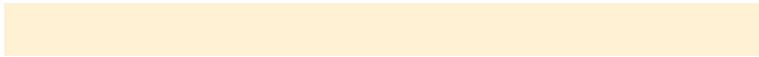
63.7725, 0.2904, 0.2390

Sweetspot

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



63.7756, 0.4187, 0.4250



88.8893, 0.3406, 0.3582



33.2625, 0.4236, 0.2812



18.7625, 0.3442, 0.3618



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.



63.7756, 0.4187, 0.4250



63.0766, 0.4412, 0.4388



84.2214, 0.3767, 0.4713



19.1882, 0.3277, 0.3450



26.1233, 0.4908, 0.4485



2.6118, 0.4801, 0.4570

Inverse Universe

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



33.1228, 0.2157, 0.2054



27.7048, 0.1975, 0.1764



22.6221, 0.2187, 0.1549



17.5601, 0.2979, 0.3125



7.0057, 0.1626, 0.1052



0.8326, 0.1691, 0.1286

Previews

White Background



This preview shows how the Yxy color 63.7725, 0.4187, 0.4250 looks on a white background.

Color Contrast Check

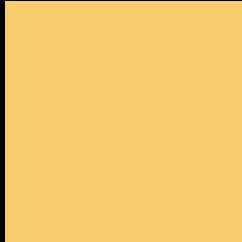
Large Text (above 18pt) WCAG AA × Fail

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 63.7725, 0.4187, 0.4250 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 63.7725, 0.4187, 0.4250

Background



This preview shows how black text looks on a background with the Yxy color 63.7725, 0.4187, 0.4250.



This preview shows how white text looks on a background with the Yxy color 63.7725, 0.4187, 0.4250.

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

63.7725, 0.4187, 0.4250

Protanopia

63.7375, 0.3999, 0.4347

Deuteranopia

63.8295, 0.4216, 0.4137



Tritanopia

63.9049, 0.3524, 0.3147

Trichromacy



Original Color

63.7725, 0.4187, 0.4250

Protanomaly

63.7560, 0.4066, 0.4317

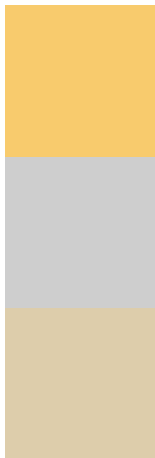
Deuteranomaly

63.6610, 0.4206, 0.4182

Tritanomaly

63.5682, 0.3784, 0.3566

Monochromacy



Original Color

63.7725, 0.4187, 0.4250

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9751, 0.3505, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7725, 0.4187, 0.4250 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(248, 203, 109)` looks like.

```
.text, #text, p{  
  color:rgb(248, 203, 109)  
}
```

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(248, 203, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 203, 109) }
```

Border

The CSS property to change the border of an element to Yxy 63.7725, 0.4187, 0.4250 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(248, 203, 109) }
```

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

```
.border{ border-color:rgb(248, 203, 109) }
```

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

Here you see how a box with a 4 pixel rgb(248, 203, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 203, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 203, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 203,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7725, 0.4187, 0.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 203, 109) }
```

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

```
.background{ background-color: rgb(248,  
203, 109) }
```

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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