

Converting Colors

Yxy(68.8076, 0.4095, 0.4194)

Have a look what the booklet for
Yxy(68.8076, 0.4095, 0.4194)
contains.

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Color

Yxy(68.8763, 0.4096, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	FDD37A
RGB	253, 211, 122
RGB Percent	99%, 83%, 48%
CMY	0.0078, 0.1725, 0.5216
CMYK	0.00, 0.17, 0.52, 0.01
HSL	41°, 97%, 74%
HSV	41°, 52%, 99%
XYZ	67.3150, 68.8763, 28.1520
YIQ	213.4120, 53.6010, -18.7750

Conversions

Conversions Part 2

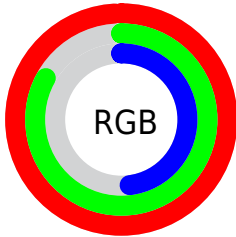
Format	Color
RYB	184, 253, 122
Decimal	16634746
CIELab	86.44, 4.12, 49.21
CIELCh	86, 49.385, 85.213
Yxy	68.8763, 0.4096, 0.4191
Android (android.graphics.Color)	4294824826 (0xFFFD37A)
YUV	213.4120, -45.0661, 34.7187
Hunter-Lab	82.9917, -0.4533, 37.9822

Details

The Yxy color **68.8763, 0.4096, 0.4191** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.7714, 0.2230, 0.2159**, and the grayscale version is **67.1118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **36.0255, 0.4302, 0.4376** is the 20% darker color. If you saturate the color by 10%, you get **64.4035, 0.4304, 0.4332**, and if you desaturate by 10%, it is **73.7222, 0.3887, 0.4027**.

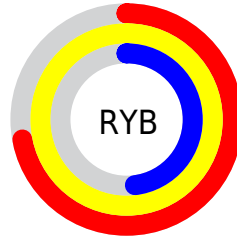
Distribution



Red (99%)

Green (83%)

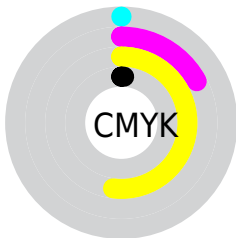
Blue (48%)



Red (72%)

Yellow (99%)

Blue (48%)

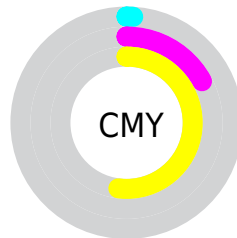


Cyan (0%)

Magenta (17%)

Yellow (52%)

Black (1%)



Cyan (1%)


Magenta (17%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8763, 0.4096, 0.4191 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 68.8763, 0.4096, 0.4191 by changing the saturation by 10% instead.


 68.8763, 0.4096,
0.4191


 68.8763, 0.4096,
0.4191


456.5946, 0.3658,
0.3792


 50.6110, 0.4189,
0.4274


 117.6049, 0.3949,
0.4058

 35.8991, 0.4300,
0.4370


 148.8369, 0.3890,
0.4005

 24.3563, 0.4431,
0.4482


 185.1600, 0.3838,
0.3958

 15.5981, 0.4586,
0.4610

226.9585, 0.3793,
0.3917

 9.2402, 0.4763,
0.4747

274.6168, 0.3754,
0.3880

 4.8982, 0.5040,
0.4960

328.5193, 0.3718,

 2.1877, 0.5091,

0.3848

0.4909

389.0504, 0.3686,
0.3818

0.7133, 0.5219,
0.4781

0.0000, 0.0000,
0.0000

68.8763, 0.4096,
0.4191

68.8763, 0.4096,
0.4191

64.4035, 0.4304,
0.4332

73.7222, 0.3887,
0.4027

60.2779, 0.4500,
0.4437

78.9458, 0.3684,
0.3850

56.4851, 0.4674,
0.4497

84.5638, 0.3492,
0.3669

53.0038, 0.4818,
0.4506

90.5885, 0.3315,
0.3491

■ 50.3530, 0.4915,
0.4480

■ 97.0318, 0.3154,
0.3320

99.6232, 0.3115,
0.3290

Harmonies

Analogous

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



68.8763, 0.4331, 0.3785



68.8763, 0.4096, 0.4191



68.8763, 0.3609, 0.4396

Triad

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



68.8763, 0.4096, 0.4191



68.8763, 0.2146, 0.3109



68.8763, 0.3144, 0.2542

Complementary

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



68.8763, 0.4096, 0.4191



37.7714, 0.2230, 0.2159

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.



68.8763, 0.2581, 0.2361



68.8763, 0.4096, 0.4191



68.8763, 0.2050, 0.2629

Square

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



68.8763, 0.4096, 0.4191



68.8763, 0.2487, 0.3730



68.8763, 0.2200, 0.2381



68.8763, 0.3759, 0.2880

Rectangle

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



68.8763, 0.4096, 0.4191



68.8763, 0.3217, 0.4338



68.8763, 0.2200, 0.2381



68.8763, 0.2942, 0.2462

Sweetspot

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



68.8796, 0.4096, 0.4191



89.5832, 0.3388, 0.3565



37.5383, 0.4110, 0.2841



18.9046, 0.3425, 0.3602



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.



68.8796, 0.4096, 0.4191



65.4610, 0.4308, 0.4335



88.6738, 0.3730, 0.4617



20.0512, 0.3277, 0.3451



27.0602, 0.4900, 0.4491



2.8324, 0.4799, 0.4571

Inverse Universe

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



37.7714, 0.2230, 0.2159



30.8030, 0.2054, 0.1889



26.9195, 0.2270, 0.1690



18.3281, 0.2979, 0.3124



7.1424, 0.1623, 0.1043



0.8831, 0.1685, 0.1265

Previews

White Background



This preview shows how the Yxy color 68.8763, 0.4096, 0.4191 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 68.8763, 0.4096, 0.4191 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 68.8763, 0.4096, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 68.8763, 0.4096, 0.4191.



This preview shows how white text looks on a background with the Yxy color 68.8763, 0.4096, 0.4191.

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

68.8763, 0.4096, 0.4191

Protanopia

69.2581, 0.3932, 0.4274

Deuteranopia

68.9990, 0.3941, 0.3919



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

68.8763, 0.4096, 0.4191

Protanomaly

69.0856, 0.3988, 0.4249

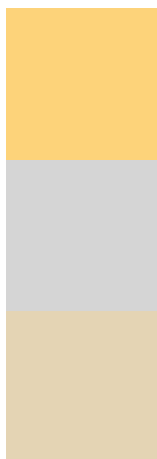
Deuteranomaly

69.0281, 0.3993, 0.4019

Tritanomaly

68.5908, 0.3685, 0.3541

Monochromacy



Original Color

68.8763, 0.4096, 0.4191

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.8762, 0.3478, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8763, 0.4096, 0.4191 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(253, 211, 122)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 122)  
}
```

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(253, 211, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 122) }
```

Border

The CSS property to change the border of an element to Yxy 68.8763, 0.4096, 0.4191 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(253, 211, 122) }
```

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

```
.border{ border-color:rgb(253, 211, 122) }
```

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

Here you see how a box with a 4 pixel rgb(253, 211, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 122);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8763, 0.4096, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 122) }
```

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

```
.background{ background-color: rgb(253,  
211, 122) }
```

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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