

Converting Colors

$Yxy(68.6985, 0.4104, 0.4263)$

Have a look what the booklet for
Yxy(68.6985, 0.4104, 0.4263)
contains.

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Color

Yxy(68.6719, 0.4105, 0.4263)

Conversions

Conversions Part 1

Format	Color
Hex	FAD474
RGB	250, 212, 116
RGB Percent	98%, 83%, 45%
CMY	0.0195, 0.1686, 0.5451
CMYK	0.00, 0.15, 0.54, 0.02
HSL	43°, 93%, 72%
HSV	43°, 54%, 98%
XYZ	66.1267, 68.6719, 26.2896
YIQ	212.4180, 53.4640, -21.8000

Conversions

Conversions Part 2

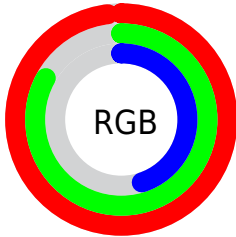
Format	Color
R _Y B	169, 250, 116
Decimal	16438388
CIE Lab	86.34, 1.92, 51.91
CIE LCh	86, 51.947, 87.881
Yxy	68.6719, 0.4105, 0.4263
Android (android.graphics.Color)	4294628468 (0xFFFA474)
YUV	212.4180, -47.5341, 32.9594
Hunter-Lab	82.8685, -2.5820, 39.1985

Details

The Yxy color **68.6719, 0.4105, 0.4263** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.7343, 0.2185, 0.2047**, and the grayscale version is **66.4300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **35.9003, 0.4303, 0.4460** is the 20% darker color. If you saturate the color by 10%, you get **64.7004, 0.4298, 0.4405**, and if you desaturate by 10%, it is **72.9623, 0.3906, 0.4095**.

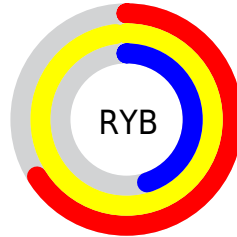
Distribution



Red (98%)

Green (83%)

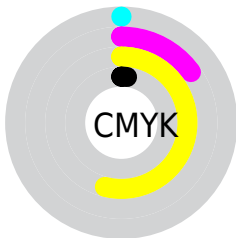
Blue (45%)



Red (66%)

Yellow (98%)

Blue (45%)

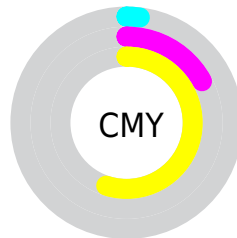


Cyan (0%)

Magenta (15%)

Yellow (54%)

Black (2%)



Cyan (2%)


Magenta (17%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6719, 0.4105, 0.4263 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 68.6719, 0.4105, 0.4263 by changing the saturation by 10% instead.

 68.6719, 0.4105,
0.4263


 68.6719, 0.4105,
0.4263


455.8729, 0.3666,
0.3831


 50.4446, 0.4197,
0.4352


 117.3128, 0.3958,
0.4120

 35.7668, 0.4305,
0.4457


 148.4952, 0.3900,
0.4062

 24.2541, 0.4431,
0.4577


 184.7647, 0.3848,
0.4011

 15.5222, 0.4577,
0.4714

226.5057, 0.3803,
0.3966

 9.1867, 0.4740,
0.4862

274.1027, 0.3763,
0.3927

 4.8632, 0.4952,
0.5048

327.9399, 0.3727,

 2.1672, 0.4976,

0.3891

0.5024

388.4019, 0.3695,
0.3859

0.7020, 0.5043,
0.4957

0.0000, 0.0000,
0.0000

68.6719, 0.4105,
0.4263

68.6719, 0.4105,
0.4263

64.7004, 0.4298,
0.4405

72.9623, 0.3906,
0.4095

61.0232, 0.4476,
0.4509

77.5752, 0.3709,
0.3912

57.6265, 0.4629,
0.4567

82.5262, 0.3521,
0.3723

54.4903, 0.4751,
0.4575

87.8266, 0.3344,
0.3535

■ 52.6040, 0.4816,
0.4558

■ 93.4872, 0.3182,
0.3353

■ 98.7885, 0.3097,
0.3286

■ 99.0688, 0.3096,
0.3290

Harmonies

Analogous

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



68.6719, 0.4385, 0.3845



68.6719, 0.4105, 0.4263



68.6719, 0.3576, 0.4459

Triad

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



68.6719, 0.4105, 0.4263



68.6719, 0.2080, 0.3042



68.6719, 0.3202, 0.2533

Complementary

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



68.6719, 0.4105, 0.4263



33.7343, 0.2185, 0.2047

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.



68.6719, 0.2599, 0.2328



68.6719, 0.4105, 0.4263



68.6719, 0.2004, 0.2560

Square

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



68.6719, 0.4105, 0.4263



68.6719, 0.2412, 0.3695



68.6719, 0.2182, 0.2326



68.6719, 0.3845, 0.2897

Rectangle

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



68.6719, 0.4105, 0.4263



68.6719, 0.3162, 0.4376



68.6719, 0.2182, 0.2326



68.6719, 0.2987, 0.2444

Sweetspot

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



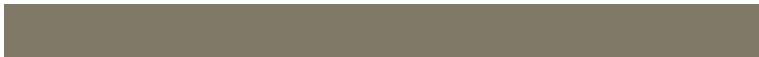
68.6752, 0.4105, 0.4263



90.4806, 0.3386, 0.3580



35.2250, 0.4219, 0.2875



19.1195, 0.3422, 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.



68.6752, 0.4105, 0.4263



67.4812, 0.4306, 0.4410



85.3708, 0.3715, 0.4674



19.3096, 0.3276, 0.3459



28.1535, 0.4803, 0.4568



2.7876, 0.4713, 0.4640

Inverse Universe

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



33.7343, 0.2185, 0.2047



27.6918, 0.2003, 0.1758



25.2145, 0.2267, 0.1643



17.4449, 0.2979, 0.3115



6.2567, 0.1599, 0.0958



0.7514, 0.1663, 0.1186

Previews

White Background



This preview shows how the Yxy color 68.6719, 0.4105, 0.4263 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 68.6719, 0.4105, 0.4263 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 68.6719, 0.4105, 0.4263

Background



This preview shows how black text looks on a background with the Yxy color 68.6719, 0.4105, 0.4263.



This preview shows how white text looks on a background with the Yxy color 68.6719, 0.4105, 0.4263.

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

68.6719, 0.4105, 0.4263

Protanopia

68.5732, 0.3980, 0.4331

Deuteranopia

68.4471, 0.3960, 0.3929



Tritanopia

68.4589, 0.3438, 0.3148

Trichromacy



Original Color

68.6719, 0.4105, 0.4263

Protanomaly

68.7625, 0.4018, 0.4308

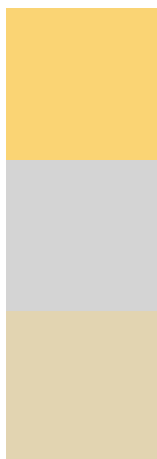
Deuteranomaly

68.2328, 0.4018, 0.4051

Tritanomaly

68.3205, 0.3693, 0.3563

Monochromacy



Original Color

68.6719, 0.4105, 0.4263

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.4300, 0.3484, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6719, 0.4105, 0.4263 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(250, 212, 116)` looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 116)  
}
```

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(250, 212, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 116) }
```

Border

The CSS property to change the border of an element to Yxy 68.6719, 0.4105, 0.4263 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(250, 212, 116) }
```

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

```
.border{ border-color:rgb(250, 212, 116) }
```

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

Here you see how a box with a 4 pixel rgb(250, 212, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 116);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6719, 0.4105, 0.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 116) }
```

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

```
.background{ background-color: rgb(250,  
212, 116) }
```

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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