

Converting Colors

$Yxy(67.0290, 0.4166, 0.4297)$

Have a look what the booklet for
Yxy(67.0290, 0.4166, 0.4297)
contains.

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Color

Yxy(67.0290, 0.4166, 0.4297)

Conversions

Conversions Part 1

Format	Color
Hex	FAD16D
RGB	250, 209, 109
RGB Percent	98%, 82%, 43%
CMY	0.0196, 0.1804, 0.5726
CMYK	0.00, 0.16, 0.56, 0.02
HSL	43°, 93%, 70%
HSV	43°, 56%, 98%
XYZ	64.9855, 67.0290, 23.9757
YIQ	209.8590, 56.5360, -22.4080

Conversions

Conversions Part 2

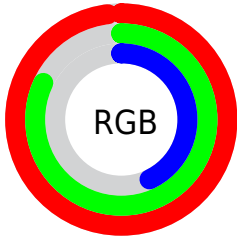
Format	Color
RYB	167, 250, 109
Decimal	16437613
CIELab	85.52, 2.90, 54.26
CIELCh	86, 54.337, 86.937
Yxy	67.0290, 0.4166, 0.4297
Android (android.graphics.Color)	4294627693 (0xFFFA16D)
YUV	209.8590, -49.7235, 35.2037
Hunter-Lab	81.8712, -1.5898, 39.9470

Details

The Yxy color **67.0290, 0.4166, 0.4297** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.9600, 0.2138, 0.1982**, and the grayscale version is **64.6573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **34.8145, 0.4377, 0.4489** is the 20% darker color. If you saturate the color by 10%, you get **63.0824, 0.4358, 0.4428**, and if you desaturate by 10%, it is **71.2978, 0.3966, 0.4137**.

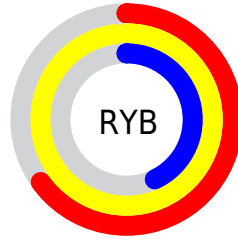
Distribution



Red (98%)

Green (82%)

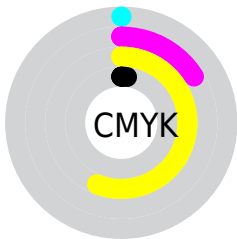
Blue (43%)



Red (65%)

Yellow (98%)

Blue (43%)

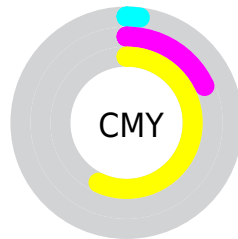


Cyan (0%)

Magenta (16%)

Yellow (56%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0290, 0.4166, 0.4297 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 67.0290, 0.4166, 0.4297 by changing the saturation by 10% instead.


 67.0290, 0.4166,
0.4297


 67.0290, 0.4166,
0.4297


450.0480, 0.3700,
0.3852

 49.1082, 0.4263,
0.4388


 114.9620, 0.4011,
0.4150

 34.7053, 0.4376,
0.4492


 145.7429, 0.3948,
0.4091

 23.4360, 0.4508,
0.4611


 181.5794, 0.3894,
0.4039

 14.9158, 0.4657,
0.4742

 222.8557, 0.3846,
0.3992

 8.7603, 0.4835,
0.4893

269.9564, 0.3803,
0.3951

 4.5852, 0.4994,
0.5006

323.2657, 0.3765,

 2.0060, 0.5032,

0.3915

0.4968

383.1681, 0.3731,
0.3882

■ 0.6109, 0.5161,
0.4839

■ 0.0000, 0.0000,
0.0000

■ 67.0290, 0.4166,
0.4297

■ 67.0290, 0.4166,
0.4297

■ 63.0824, 0.4358,
0.4428

■ 71.2978, 0.3966,
0.4137

■ 59.4330, 0.4533,
0.4519

■ 75.8930, 0.3766,
0.3958

■ 56.0659, 0.4681,
0.4562

■ 80.8307, 0.3574,
0.3771

■ 52.9595, 0.4797,
0.4554

■ 86.1226, 0.3393,
0.3584

51.8958, 0.4834,
0.4544

91.7797, 0.3226,
0.3402

97.5529, 0.3097,
0.3267

99.0647, 0.3096,
0.3290

Harmonies

Analogous

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



67.0290, 0.4454, 0.3849



67.0290, 0.4166, 0.4297



67.0290, 0.3614, 0.4523

Triad

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



67.0290, 0.4166, 0.4297



67.0290, 0.2035, 0.3045



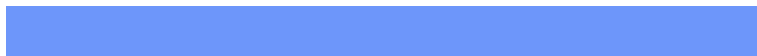
67.0290, 0.3182, 0.2487

Complementary

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



67.0290, 0.4166, 0.4297



31.9600, 0.2138, 0.1982

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.



67.0290, 0.2554, 0.2280



67.0290, 0.4166, 0.4297



67.0290, 0.1950, 0.2532

Square

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



67.0290, 0.4166, 0.4297



67.0290, 0.2389, 0.3739



67.0290, 0.2127, 0.2283



67.0290, 0.3863, 0.2862

Rectangle

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



67.0290, 0.4166, 0.4297



67.0290, 0.3179, 0.4450



67.0290, 0.2127, 0.2283



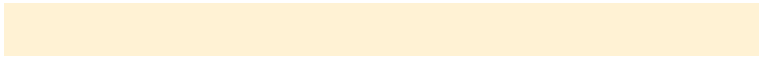
67.0290, 0.2956, 0.2397

Sweetspot

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



67.0322, 0.4166, 0.4297



89.7366, 0.3404, 0.3595



33.5026, 0.4309, 0.2858



18.9636, 0.3439, 0.3633



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.



67.0322, 0.4166, 0.4297



65.3287, 0.4389, 0.4446



84.9756, 0.3737, 0.4739



19.2882, 0.3276, 0.3458



27.7863, 0.4821, 0.4554



2.7560, 0.4728, 0.4628

Inverse Universe

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



31.9600, 0.2138, 0.1982



25.5019, 0.1942, 0.1664



23.1707, 0.2213, 0.1551



17.4651, 0.2979, 0.3117



6.3803, 0.1604, 0.0973



0.7650, 0.1668, 0.1203

Previews

White Background



This preview shows how the Yxy color 67.0290, 0.4166, 0.4297 looks on a white background.

Color Contrast Check

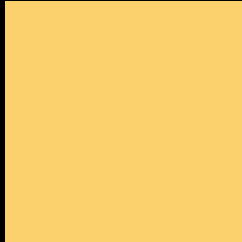
Large Text (above 18pt) WCAG AA × Fail

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 67.0290, 0.4166, 0.4297 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 67.0290, 0.4166, 0.4297

Background



This preview shows how black text looks on a background with the Yxy color 67.0290, 0.4166, 0.4297.



This preview shows how white text looks on a background with the Yxy color 67.0290, 0.4166, 0.4297.

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**

67.0290, 0.4166, 0.4297

Protanopia

67.0737, 0.4012, 0.4375

Deuteranopia

67.1519, 0.4049, 0.4017



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

67.0290, 0.4166, 0.4297

Protanomaly

66.9135, 0.4069, 0.4347

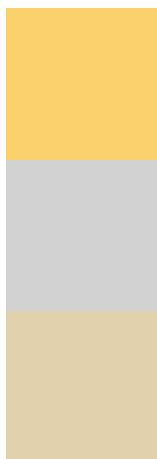
Deuteranomaly

67.0147, 0.4091, 0.4117

Tritanomaly

66.6897, 0.3741, 0.3584

Monochromacy



Original Color

67.0290, 0.4166, 0.4297

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1179, 0.3510, 0.3708

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0290, 0.4166, 0.4297 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, 209, 109)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 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(250, 209, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 109) }
```

Border

The CSS property to change the border of an element to Yxy 67.0290, 0.4166, 0.4297 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, 209, 109) }
```

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

```
.border{ border-color:rgb(250, 209, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 109);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0290, 0.4166, 0.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 109) }
```

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

```
.background{ background-color: rgb(250,  
209, 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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