

Converting Colors

$Yxy(67.4369, 0.4267, 0.4350)$

Have a look what the booklet for
Yxy(67.4369, 0.4267, 0.4350)
contains.

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Color

Yxy(67.2726, 0.4271, 0.4351)

Conversions

Conversions Part 1

Format	Color
Hex	FFD063
RGB	255, 208, 99
RGB Percent	100%, 82%, 39%
CMY	0.0002, 0.1842, 0.6118
CMYK	0.00, 0.18, 0.61, 0.00
HSL	42°, 100%, 69%
HSV	42°, 61%, 100%
XYZ	66.0357, 67.2726, 21.3058
YIQ	209.6270, 63.0010, -23.9350

Conversions

Conversions Part 2

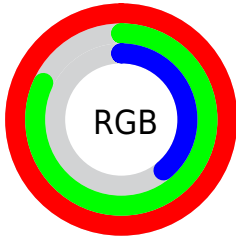
Format	Color
RYB	166, 255, 99
Decimal	16765027
CIELab	85.64, 4.73, 59.13
CIElCh	86, 59.321, 85.423
Yxy	67.2726, 0.4271, 0.4351
Android (android.graphics.Color)	4294955107 (0xFFFFD063)
YUV	209.6270, -54.5391, 39.7921
Hunter-Lab	82.0199, 0.1788, 42.0125

Details

The Yxy color **67.2726, 0.4271, 0.4351** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.4033, 0.2058, 0.1871**, and the grayscale version is **64.5240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **34.9028, 0.4495, 0.4542** is the 20% darker color. If you saturate the color by 10%, you get **63.2112, 0.4460, 0.4462**, and if you desaturate by 10%, it is **71.6754, 0.4070, 0.4205**.

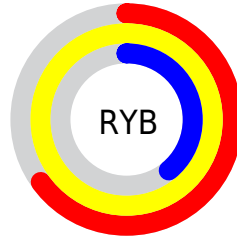
Distribution



Red (100%)

Green (82%)

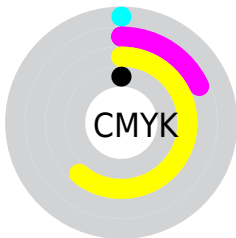
Blue (39%)



Red (65%)

Yellow (100%)

Blue (39%)

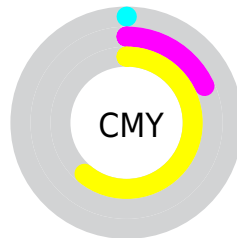


Cyan (0%)

Magenta (18%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2726, 0.4271, 0.4351 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 67.2726, 0.4271, 0.4351 by changing the saturation by 10% instead.


 67.2726, 0.4271,
0.4351


 67.2726, 0.4271,
0.4351


450.9145, 0.3763,
0.3892

 49.3062, 0.4374,
0.4441


 115.3109, 0.4103,
0.4202


 34.8624, 0.4494,
0.4542


 146.1516, 0.4035,
0.4141

 23.5569, 0.4629,
0.4653


 182.0526, 0.3976,
0.4087

 15.0053, 0.4779,
0.4768

 223.3981, 0.3923,
0.4039

 8.8231, 0.4985,
0.4924

270.5727, 0.3876,
0.3996

 4.6260, 0.5068,
0.4932

323.9607, 0.3834,

 2.0295, 0.5129,

0.3958

0.4871

383.9465, 0.3797,
0.3923

■ 0.6245, 0.5317,
0.4683

■ 0.0000, 0.0000,
0.0000

■ 67.2726, 0.4271,
0.4351

■ 67.2726, 0.4271,
0.4351

■ 63.2112, 0.4460,
0.4462

■ 71.6754, 0.4070,
0.4205

■ 59.4637, 0.4628,
0.4529

■ 76.4253, 0.3866,
0.4036

■ 56.0129, 0.4765,
0.4545

■ 81.5398, 0.3667,
0.3854

■ 53.1866, 0.4862,
0.4522

■ 87.0319, 0.3479,
0.3668

■ 92.9138, 0.3304,
0.3485

■ 99.1968, 0.3145,
0.3310

■ 99.9916, 0.3127,
0.3290

Harmonies

Analogous

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



67.2726, 0.4573, 0.3853



67.2726, 0.4271, 0.4351



67.2726, 0.3679, 0.4633

Triad

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



67.2726, 0.4271, 0.4351



67.2726, 0.1960, 0.3050



67.2726, 0.3145, 0.2410

Complementary

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



67.2726, 0.4271, 0.4351



30.4033, 0.2058, 0.1871

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.



67.2726, 0.2475, 0.2198



67.2726, 0.4271, 0.4351



67.2726, 0.1858, 0.2485

Square

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



67.2726, 0.4271, 0.4351



67.2726, 0.2350, 0.3819



67.2726, 0.2033, 0.2210



67.2726, 0.3893, 0.2802

Rectangle

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



67.2726, 0.4271, 0.4351



67.2726, 0.3211, 0.4579



67.2726, 0.2033, 0.2210



67.2726, 0.2902, 0.2317

Sweetspot

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



67.2758, 0.4271, 0.4351



88.8904, 0.3422, 0.3610



32.3238, 0.4436, 0.2808



18.6678, 0.3474, 0.3663



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.



67.2758, 0.4271, 0.4351



62.5278, 0.4493, 0.4478



88.6200, 0.3789, 0.4834



20.1136, 0.3277, 0.3455



28.0763, 0.4848, 0.4532



2.9255, 0.4755, 0.4606

Inverse Universe

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



30.4033, 0.2058, 0.1871



23.1128, 0.1872, 0.1556



20.6962, 0.2104, 0.1389



18.2688, 0.2979, 0.3119



6.7535, 0.1610, 0.0996



0.8393, 0.1671, 0.1215

Previews

White Background



This preview shows how the Yxy color 67.2726, 0.4271, 0.4351 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 67.2726, 0.4271, 0.4351 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 67.2726, 0.4271, 0.4351

Background



This preview shows how black text looks on a background with the Yxy color 67.2726, 0.4271, 0.4351.



This preview shows how white text looks on a background with the Yxy color 67.2726, 0.4271, 0.4351.

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

67.2726, 0.4271, 0.4351

Protanopia

67.5450, 0.4072, 0.4467

Deuteranopia

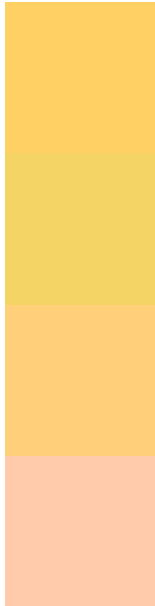
67.1519, 0.4049, 0.4017



Tritanopia

67.3220, 0.3472, 0.3168

Trichromacy



Original Color

67.2726, 0.4271, 0.4351

Protanomaly

67.2402, 0.4152, 0.4421

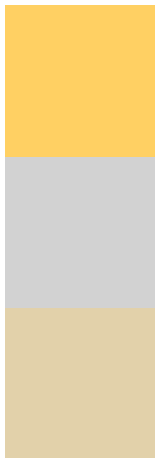
Deuteranomaly

67.2908, 0.4134, 0.4148

Tritanomaly

66.9121, 0.3789, 0.3624

Monochromacy



Original Color

67.2726, 0.4271, 0.4351

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6720, 0.3543, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2726, 0.4271, 0.4351 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(255, 208, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 99)  
}
```

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(255, 208, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 99) }
```

Border

The CSS property to change the border of an element to Yxy 67.2726, 0.4271, 0.4351 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(255, 208, 99) }
```

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

```
.border{ border-color:rgb(255, 208, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
99) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 67.2726, 0.4271, 0.4351$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 99) }
```

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

```
.background{ background-color: rgb(255,  
208, 99) }
```

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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