

Converting Colors

$Y_{xy}(53.1875, 0.4571, 0.4342)$

Have a look what the booklet for
Yxy(53.1875, 0.4571, 0.4342)
contains.

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Color

Yxy(53.2768, 0.4570, 0.4346)

Conversions

Conversions Part 1

Format	Color
Hex	F7B547
RGB	247, 181, 71
RGB Percent	97%, 71%, 28%
CMY	0.0313, 0.2902, 0.7216
CMYK	0.00, 0.27, 0.71, 0.03
HSL	37°, 92%, 62%
HSV	37°, 71%, 97%
XYZ	56.0228, 53.2768, 13.2886
YIQ	188.1940, 74.6460, -20.2180

Conversions

Conversions Part 2

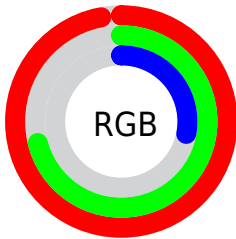
Format	Color
RYB	177, 247, 71
Decimal	16233799
CIELab	78.04, 13.89, 62.93
CIElCh	78, 64.443, 77.556
Yxy	53.2768, 0.4570, 0.4346
Android (android.graphics.Color)	4294423879 (0xFFFF7B547)
YUV	188.1940, -57.7766, 51.5729
Hunter-Lab	72.9910, 9.2700, 40.2995

Details

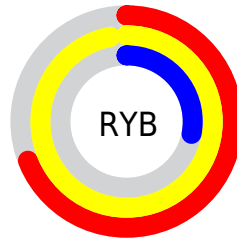
The Yxy color **53.2768, 0.4570, 0.4346** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **25.9464, 0.1943, 0.1780**, and the grayscale version is **50.7095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3090, 0.3958, 0.4383**, and **25.8884, 0.4865, 0.4498** is the 20% darker color. If you saturate the color by 10%, you get **49.3813, 0.4771, 0.4399**, and if you desaturate by 10%, it is **57.5569, 0.4350, 0.4248**.

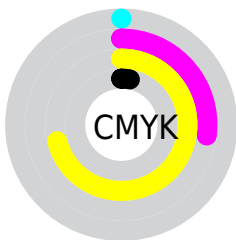
Distribution



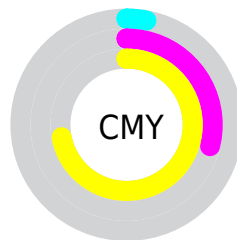
- Red (97%)
- Green (71%)
- Blue (28%)



- Red (69%)
- Yellow (97%)
- Blue (28%)



- Cyan (0%)
- Magenta (27%)
- Yellow (71%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2768, 0.4570, 0.4346 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 53.2768, 0.4570, 0.4346 by changing the saturation by 10% instead.


 53.2768, 0.4570,
0.4346

 53.2768, 0.4570,
0.4346


399.3462, 0.3908,
0.3903


 38.0238, 0.4706,
0.4423

 95.0116, 0.4350,
0.4209


 26.0011, 0.4861,
0.4501


 122.2621, 0.4261,
0.4151


 16.8245, 0.5034,
0.4571


 154.2806, 0.4183,
0.4098

 10.1094, 0.5262,
0.4653

 191.4514, 0.4114,
0.4051

 5.4716, 0.5402,
0.4598

 234.1590, 0.4053,
0.4008

 2.5265, 0.5549,
0.4451

282.7877, 0.3999,

 0.8899, 0.5809,

0.3969

0.4191

337.7220, 0.3951,
0.3934

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2768, 0.4570,
0.4346

53.2768, 0.4570,
0.4346

49.3813, 0.4771,
0.4399

57.5569, 0.4350,
0.4248

45.8409, 0.4942,
0.4398

62.2323, 0.4123,
0.4117


43.0138, 0.5066,
0.4360


67.3224, 0.3899,
0.3963

72.8423, 0.3686,
0.3798

 78.8064, 0.3488,
0.3630

 85.2280, 0.3308,
0.3466

 92.1196, 0.3146,
0.3309

 98.5170, 0.3078,
0.3290

Harmonies

Analogous

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



53.2768, 0.4825, 0.3739



53.2768, 0.4570, 0.4346



53.2768, 0.3941, 0.4805

Triad

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



53.2768, 0.4570, 0.4346



53.2768, 0.1867, 0.3216



53.2768, 0.2916, 0.2199

Complementary

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



53.2768, 0.4570, 0.4346



25.9464, 0.1943, 0.1780

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.



53.2768, 0.2210, 0.2021



53.2768, 0.4570, 0.4346



53.2768, 0.1677, 0.2480

Square

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



53.2768, 0.4570, 0.4346



53.2768, 0.2382, 0.4157



53.2768, 0.1795, 0.2097



53.2768, 0.3798, 0.2592

Rectangle

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



53.2768, 0.4570, 0.4346



53.2768, 0.3415, 0.4878



53.2768, 0.1795, 0.2097



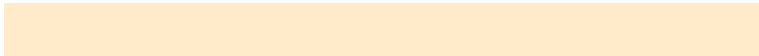
53.2768, 0.2652, 0.2114

Sweetspot

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



53.2794, 0.4570, 0.4346



84.8678, 0.3484, 0.3627



26.1298, 0.4604, 0.2660



17.7746, 0.3536, 0.3673



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.



53.2794, 0.4570, 0.4346



51.1799, 0.4859, 0.4405



83.2322, 0.3931, 0.4963



18.2082, 0.3278, 0.3438



23.0272, 0.5047, 0.4374



2.2209, 0.4912, 0.4482

Inverse Universe

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



25.9464, 0.1943, 0.1780



20.5329, 0.1765, 0.1436



13.4714, 0.1854, 0.1067



16.9449, 0.2980, 0.3138



7.9082, 0.1664, 0.1190



0.8858, 0.1733, 0.1438

Previews

White Background



This preview shows how the Yxy color 53.2768, 0.4570, 0.4346 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 53.2768, 0.4570, 0.4346 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 53.2768, 0.4570, 0.4346

Background



This preview shows how black text looks on a background with the Yxy color 53.2768, 0.4570, 0.4346.



This preview shows how white text looks on a background with the Yxy color 53.2768, 0.4570, 0.4346.

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

53.2768, 0.4570, 0.4346

Protanopia

53.6905, 0.4177, 0.4588

Deuteranopia

53.4239, 0.4499, 0.4409



Tritanopia

53.4283, 0.3789, 0.3155

Trichromacy



Original Color

53.2768, 0.4570, 0.4346

Protanomaly

53.2205, 0.4317, 0.4495

Deuteranomaly

53.3639, 0.4525, 0.4390

Tritanomaly

52.9205, 0.4129, 0.3632

Monochromacy



Original Color

53.2768, 0.4570, 0.4346

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2976, 0.3666, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2768, 0.4570, 0.4346 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(247, 181, 71)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 71)  
}
```

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(247, 181, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 71) }
```

Border

The CSS property to change the border of an element to Yxy 53.2768, 0.4570, 0.4346 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(247, 181, 71) }
```

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

```
.border{ border-color:rgb(247, 181, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 181, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 71);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2768, 0.4570, 0.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 71) }
```

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

```
.background{ background-color: rgb(247,  
181, 71) }
```

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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