

Converting Colors

$Yxy(77.8873, 0.5006, 0.3838)$

Have a look what the booklet for
Yxy(77.8873, 0.5006, 0.3838)
contains.

Yxy(57.0195, 0.4376, 0.4074)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0195, 0.4376, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	FFB96B
RGB	255, 185, 107
RGB Percent	100%, 73%, 42%
CMY	0.0000, 0.2745, 0.5803
CMYK	0.00, 0.27, 0.58, 0.00
HSL	32°, 100%, 71%
HSV	32°, 58%, 100%
XYZ	61.2463, 57.0195, 21.6937
YIQ	197.0380, 66.7580, -9.4180

Conversions

Conversions Part 2

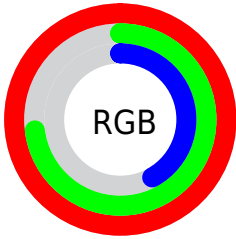
Format	Color
R _Y B	240, 255, 107
Decimal	16759147
CIE Lab	80.19, 17.25, 49.03
CIE LCh	80, 51.980, 70.615
Yxy	57.0195, 0.4376, 0.4074
Android (android.graphics.Color)	4294949227 (0xFFFFB96B)
YUV	197.0380, -44.3887, 50.8327
Hunter-Lab	75.5113, 12.6345, 35.8244

Details

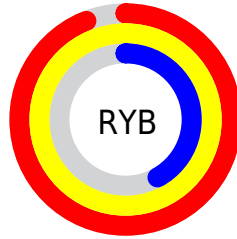
The Yxy color **57.0195, 0.4376, 0.4074** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.8004, 0.2187, 0.2294**, and the grayscale version is **56.1034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7087, 0.3736, 0.4098**, and **28.3902, 0.4668, 0.4211** is the 20% darker color. If you saturate the color by 10%, you get **51.7258, 0.4643, 0.4164**, and if you desaturate by 10%, it is **62.9020, 0.4114, 0.3955**.

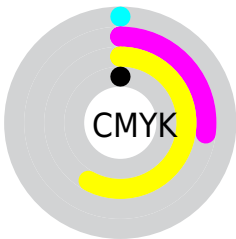
Distribution



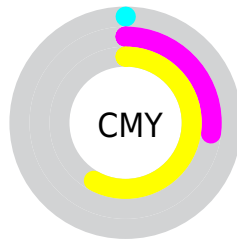
- Red (100%)
- Green (73%)
- Blue (42%)



- Red (94%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0195, 0.4376, 0.4074 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 57.0195, 0.4376, 0.4074 by changing the saturation by 10% instead.

 57.0195, 0.4376,
0.4074


 57.0195, 0.4376,
0.4074

413.5224, 0.3787,
0.3738


 41.0209, 0.4507,
0.4138

 100.4936, 0.4173,
0.3966


 28.3354, 0.4664,
0.4208


 128.7380, 0.4094,
0.3922

 18.5787, 0.4853,
0.4282


 161.8330, 0.4025,
0.3882

 11.3662, 0.5081,
0.4349

 200.1631, 0.3965,
0.3847

 6.3137, 0.5413,
0.4438

244.1127, 0.3912,
0.3815

 3.0368, 0.5656,
0.4344

294.0662, 0.3865,

 1.1510, 0.5929,

0.3787

0.4071

350.4079, 0.3824,
0.3761

0.0211, 0.9544,
0.0456

0.0000, 0.0000,
0.0000

57.0195, 0.4376,
0.4074

57.0195, 0.4376,
0.4074

51.7258, 0.4643,
0.4164

62.9020, 0.4114,
0.3955

46.9924, 0.4899,
0.4211

69.3925, 0.3866,
0.3819

42.7926, 0.5129,
0.4205

76.5136, 0.3640,
0.3676

39.0918, 0.5320,
0.4145

84.2850, 0.3436,
0.3533

38.4141, 0.5356,
0.4130

92.7257, 0.3256,
0.3395

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



57.0195, 0.4463, 0.3575



57.0195, 0.4376, 0.4074



57.0195, 0.3944, 0.4451

Triad

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



57.0195, 0.4376, 0.4074



57.0195, 0.2187, 0.3414



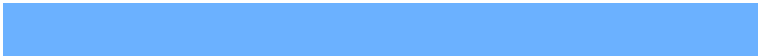
57.0195, 0.2818, 0.2343

Complementary

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



57.0195, 0.4376, 0.4074



41.8004, 0.2187, 0.2294

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.



57.0195, 0.2285, 0.2245



57.0195, 0.4376, 0.4074



57.0195, 0.1953, 0.2774

Square

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



57.0195, 0.4376, 0.4074



57.0195, 0.2676, 0.4107



57.0195, 0.1990, 0.2378



57.0195, 0.3503, 0.2635

Rectangle

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



57.0195, 0.4376, 0.4074



57.0195, 0.3538, 0.4538



57.0195, 0.1990, 0.2378



57.0195, 0.2617, 0.2287

Sweetspot

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



57.0206, 0.4376, 0.4074



85.1230, 0.3416, 0.3519



35.0167, 0.4017, 0.2577



17.8713, 0.3455, 0.3547



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.



57.0206, 0.4376, 0.4074



50.7496, 0.4694, 0.4177



93.3773, 0.3939, 0.4671



19.5715, 0.3281, 0.3415



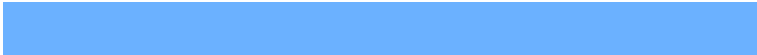
20.3738, 0.5331, 0.4149



2.2026, 0.5166, 0.4280

Inverse Universe

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



41.8004, 0.2187, 0.2294



34.2449, 0.2018, 0.2045



21.0228, 0.2008, 0.1422



18.7949, 0.2979, 0.3161



11.1642, 0.1746, 0.1485



1.3038, 0.1805, 0.1697

Previews

White Background



This preview shows how the Yxy color 57.0195, 0.4376, 0.4074 looks on a white background.

Color Contrast Check

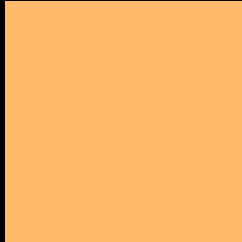
Large Text (above 18pt) WCAG AA × Fail

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 57.0195, 0.4376, 0.4074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

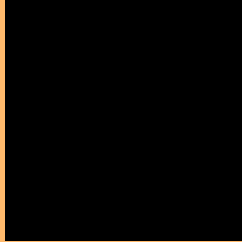
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0195, 0.4376, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 57.0195, 0.4376, 0.4074.



This preview shows how white text looks on a background with the Yxy color 57.0195, 0.4376, 0.4074.

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

57.0195, 0.4376, 0.4074

Protanopia

57.0768, 0.3946, 0.4285

Deuteranopia

57.1006, 0.4257, 0.4168



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

57.0195, 0.4376, 0.4074

Protanomaly

56.8652, 0.4101, 0.4210

Deuteranomaly

56.9635, 0.4304, 0.4135

Tritanomaly

56.8458, 0.3962, 0.3513

Monochromacy



Original Color

57.0195, 0.4376, 0.4074

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.7257, 0.3565, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0195, 0.4376, 0.4074 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, 185, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 107)  
}
```

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, 185, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 107) }
```

Border

The CSS property to change the border of an element to Yxy 57.0195, 0.4376, 0.4074 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, 185, 107) }
```

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

```
.border{ border-color:rgb(255, 185, 107) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0195, 0.4376, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 107) }
```

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

```
.background{ background-color: rgb(255,  
185, 107) }
```

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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