

Converting Colors

$Yxy(57.7966, 0.4404, 0.4146)$

Have a look what the booklet for
Yxy(57.7966, 0.4404, 0.4146)
contains.

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Color

Yxy(57.7402, 0.4404, 0.4144)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFBB65 |
| RGB | 255, 187, 101 |
| RGB Percent | 100%, 73%, 40% |
| CMY | 0.0000, 0.2667, 0.6038 |
| CMYK | 0.00, 0.27, 0.60, 0.00 |
| HSL | 34°, 100%, 70% |
| HSV | 34°, 60%, 100% |
| XYZ | 61.3629, 57.7402, 20.2314 |
| YIQ | 197.5280, 68.1340, -12.3300 |

Conversions

Conversions Part 2

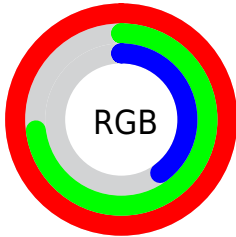
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 223, 255, 101 |
| Decimal | 16759653 |
| CIE Lab | 80.59, 15.79, 52.42 |
| CIE LCh | 81, 54.741, 73.238 |
| Yxy | 57.7402, 0.4404, 0.4144 |
| Android (android.graphics.Color) | 4294949733 (0xFFFFBB65) |
| YUV | 197.5280, -47.5883, 50.4029 |
| Hunter-Lab | 75.9870, 11.1696, 37.4050 |

Details

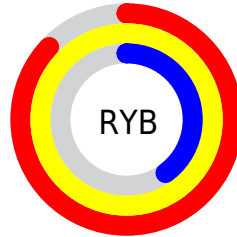
The Yxy color **57.7402, 0.4404, 0.4144** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.3776, 0.2137, 0.2180**, and the grayscale version is **56.4359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6943, 0.3765, 0.4173**, and **28.8826, 0.4688, 0.4284** is the 20% darker color. If you saturate the color by 10%, you get **52.7239, 0.4655, 0.4231**, and if you desaturate by 10%, it is **63.2890, 0.4152, 0.4024**.

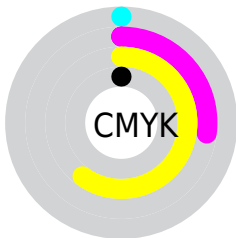
Distribution



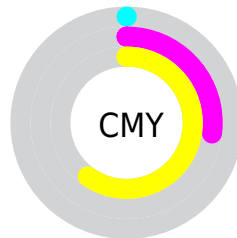
- Red (100%)
- Green (73%)
- Blue (40%)



- Red (87%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7402, 0.4404, 0.4144 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 57.7402, 0.4404, 0.4144 by changing the saturation by 10% instead.


 57.7402, 0.4404,
0.4144

 57.7402, 0.4404,
0.4144


416.2172, 0.3808,
0.3779

 41.5998, 0.4534,
0.4213


 101.5444, 0.4200,
0.4028


 28.7881, 0.4688,
0.4288


 129.9771, 0.4120,
0.3979

 18.9206, 0.4872,
0.4365


 163.2759, 0.4050,
0.3936

 11.6129, 0.5087,
0.4434

 201.8254, 0.3989,
0.3898

 6.4807, 0.5431,
0.4553

246.0098, 0.3936,
0.3863

 3.1395, 0.5586,
0.4414

296.2137, 0.3888,

 1.2050, 0.5833,

0.3832

0.4167

352.8213, 0.3846,
0.3804

0.0658, 0.8720,
0.1280

0.0000, 0.0000,
0.0000

57.7402, 0.4404,
0.4144

57.7402, 0.4404,
0.4144

52.7239, 0.4655,
0.4231

63.2890, 0.4152,
0.4024

48.2126, 0.4891,
0.4274


69.3875, 0.3909,
0.3884

44.1811, 0.5097,
0.4262

76.0567, 0.3684,
0.3734

40.7188, 0.5262,
0.4204

83.3149, 0.3479,
0.3583

 91.1795, 0.3295,
0.3435

99.6668, 0.3133,
0.3295

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.



57.7402, 0.4536, 0.3627



57.7402, 0.4404, 0.4144



57.7402, 0.3925, 0.4526

Triad

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



57.7402, 0.4404, 0.4144



57.7402, 0.2112, 0.3351



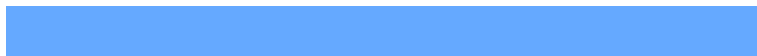
57.7402, 0.2860, 0.2323

Complementary

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



57.7402, 0.4404, 0.4144



38.3776, 0.2137, 0.2180

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.



57.7402, 0.2287, 0.2201



57.7402, 0.4404, 0.4144



57.7402, 0.1897, 0.2699

Square

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



57.7402, 0.4404, 0.4144



57.7402, 0.2599, 0.4094



57.7402, 0.1959, 0.2314



57.7402, 0.3584, 0.2642

Rectangle

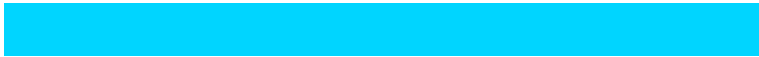
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.7402, 0.4404, 0.4144



57.7402, 0.3492, 0.4599



57.7402, 0.1959, 0.2314



57.7402, 0.2645, 0.2259

Sweetspot

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



57.7416, 0.4404, 0.4144



85.1295, 0.3433, 0.3547



33.4888, 0.4138, 0.2606



17.7469, 0.3489, 0.3591



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.



57.7416, 0.4404, 0.4144



51.9584, 0.4695, 0.4242



92.2894, 0.3928, 0.4734



19.6695, 0.3280, 0.3423



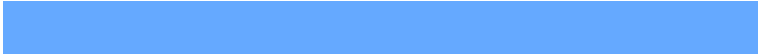
21.5792, 0.5240, 0.4222



2.3190, 0.5087, 0.4342

Inverse Universe

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



38.3776, 0.2137, 0.2180



31.1898, 0.1973, 0.1924



19.7688, 0.1990, 0.1357



18.6981, 0.2979, 0.3154



10.1858, 0.1718, 0.1385



1.2052, 0.1779, 0.1603

Previews

White Background



This preview shows how the Yxy color 57.7402, 0.4404, 0.4144 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 57.7402, 0.4404, 0.4144 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 57.7402, 0.4404, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 57.7402, 0.4404, 0.4144.



This preview shows how white text looks on a background with the Yxy color 57.7402, 0.4404, 0.4144.

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

57.7402, 0.4404, 0.4144

Protanopia

58.1860, 0.3992, 0.4357

Deuteranopia

57.7745, 0.4308, 0.4223



Tritanopia

57.7083, 0.3680, 0.3166

Trichromacy



Original Color

57.7402, 0.4404, 0.4144

Protanomaly

57.8030, 0.4138, 0.4283

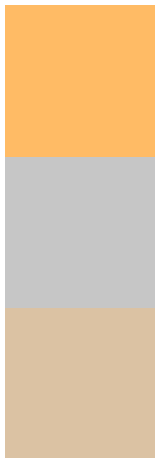
Deuteranomaly

57.8867, 0.4340, 0.4202

Tritanomaly

57.6302, 0.3963, 0.3545

Monochromacy



Original Color

57.7402, 0.4404, 0.4144

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2880, 0.3579, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7402, 0.4404, 0.4144 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, 187, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 101)  
}
```

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, 187, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 101) }
```

Border

The CSS property to change the border of an element to Yxy 57.7402, 0.4404, 0.4144 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, 187, 101) }
```

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

```
.border{ border-color:rgb(255, 187, 101) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7402, 0.4404, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 101) }
```

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

```
.background{ background-color: rgb(255,  
187, 101) }
```

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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