

Converting Colors

$Yxy(57.1505, 0.4471, 0.4207)$

Have a look what the booklet for
Yxy(57.1505, 0.4471, 0.4207)
contains.

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Color

Yxy(57.1505, 0.4471, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA5C
RGB	255, 186, 92
RGB Percent	100%, 73%, 36%
CMY	0.0000, 0.2706, 0.6391
CMYK	0.00, 0.27, 0.64, 0.00
HSL	35°, 100%, 68%
HSV	35°, 64%, 100%
XYZ	60.7368, 57.1505, 17.9589
YIQ	195.9150, 71.2980, -14.6060

Conversions

Conversions Part 2

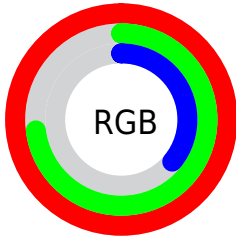
Format	Color
RYB	212, 255, 92
Decimal	16759388
CIELab	80.26, 15.73, 56.29
CIELCh	80, 58.448, 74.383
Yxy	57.1505, 0.4471, 0.4207
Android (android.graphics.Color)	4294949468 (0xFFFFBA5C)
YUV	195.9150, -51.2301, 51.8175
Hunter-Lab	75.5979, 11.1139, 38.8338

Details

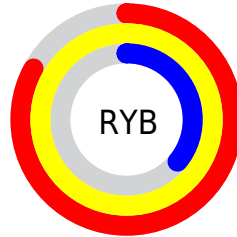
The Yxy color **57.1505, 0.4471, 0.4207** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **34.9937, 0.2075, 0.2062**, and the grayscale version is **55.4287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8086, 0.3822, 0.4248**, and **28.3909, 0.4758, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **52.3976, 0.4710, 0.4284**, and if you desaturate by 10%, it is **62.3952, 0.4225, 0.4093**.

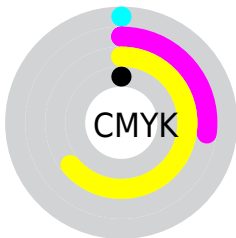
Distribution



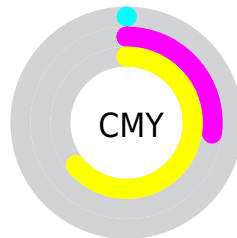
- Red (100%)
- Green (73%)
- Blue (36%)



- Red (83%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (27%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1505, 0.4471, 0.4207 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 57.1505, 0.4471, 0.4207 by changing the saturation by 10% instead.


 57.1505, 0.4471,
0.4207

 57.1505, 0.4471,
0.4207


414.0130, 0.3848,
0.3819


 41.1261, 0.4604,
0.4278


 100.6848, 0.4260,
0.4085

 28.4176, 0.4760,
0.4353


 128.9634, 0.4176,
0.4034

 18.6407, 0.4943,
0.4428


 162.0955, 0.4103,
0.3988

 11.4109, 0.5151,
0.4488

 200.4656, 0.4039,
0.3947

 6.3440, 0.5441,
0.4559

244.4580, 0.3983,
0.3910

 3.0553, 0.5590,
0.4410

294.4571, 0.3933,

 1.1607, 0.5841,

0.3877

0.4159

350.8473, 0.3888,
0.3847

0.0292, 0.9337,
0.0663

0.0000, 0.0000,
0.0000

57.1505, 0.4471,
0.4207

57.1505, 0.4471,
0.4207

52.3976, 0.4710,
0.4284

62.3952, 0.4225,
0.4093

48.1162, 0.4928,
0.4312

68.1555, 0.3984,
0.3955

44.2781, 0.5112,
0.4285

74.4495, 0.3756,
0.3803

42.1392, 0.5208,
0.4247

81.2951, 0.3546,
0.3647

■ 88.7090, 0.3357,
0.3493

■ 96.7071, 0.3188,
0.3345

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.



57.1505, 0.4636, 0.3658



57.1505, 0.4471, 0.4207



57.1505, 0.3944, 0.4618

Triad

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



57.1505, 0.4471, 0.4207



57.1505, 0.2032, 0.3320



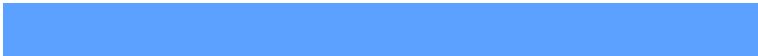
57.1505, 0.2867, 0.2275

Complementary

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



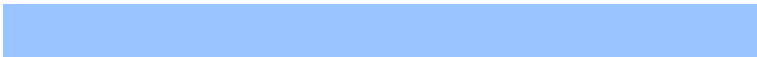
57.1505, 0.4471, 0.4207



34.9937, 0.2075, 0.2062

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.



57.1505, 0.2252, 0.2137



57.1505, 0.4471, 0.4207



57.1505, 0.1820, 0.2632

Square

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



57.1505, 0.4471, 0.4207



57.1505, 0.2535, 0.4130



57.1505, 0.1897, 0.2242



57.1505, 0.3643, 0.2617

Rectangle

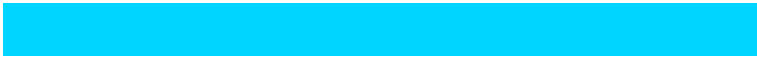
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1505, 0.4471, 0.4207



57.1505, 0.3480, 0.4695



57.1505, 0.1897, 0.2242



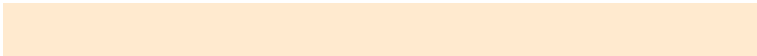
57.1505, 0.2636, 0.2204

Sweetspot

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



57.1496, 0.4471, 0.4207



84.8665, 0.3450, 0.3571



31.5491, 0.4267, 0.2606



17.7164, 0.3506, 0.3615



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.



57.1496, 0.4471, 0.4207



51.0274, 0.4780, 0.4298



91.5502, 0.3941, 0.4807



19.7267, 0.3280, 0.3427



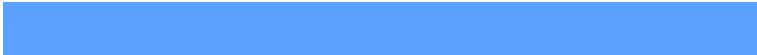
22.3209, 0.5187, 0.4264



2.3898, 0.5042, 0.4378

Inverse Universe

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



34.9937, 0.2075, 0.2062



27.4200, 0.1899, 0.1766



17.7543, 0.1936, 0.1252



18.6419, 0.2979, 0.3149



9.6532, 0.1702, 0.1328



1.1508, 0.1764, 0.1549

Previews

White Background



This preview shows how the Yxy color 57.1505, 0.4471, 0.4207 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 57.1505, 0.4471, 0.4207 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 57.1505, 0.4471, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 57.1505, 0.4471, 0.4207.



This preview shows how white text looks on a background with the Yxy color 57.1505, 0.4471, 0.4207.

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

57.1505, 0.4471, 0.4207

Protanopia

57.5252, 0.4060, 0.4442

Deuteranopia

57.3564, 0.4381, 0.4284



Tritanopia

57.2179, 0.3701, 0.3177

Trichromacy



Original Color

57.1505, 0.4471, 0.4207

Protanomaly

57.1801, 0.4202, 0.4354

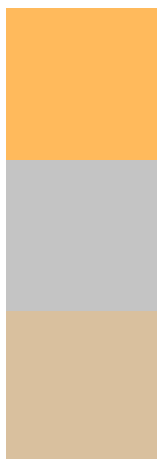
Deuteranomaly

57.4745, 0.4413, 0.4262

Tritanomaly

57.0490, 0.4011, 0.3586

Monochromacy



Original Color

57.1505, 0.4471, 0.4207

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9196, 0.3608, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1505, 0.4471, 0.4207 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, 186, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 92)  
}
```

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, 186, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 92) }
```

Border

The CSS property to change the border of an element to Yxy 57.1505, 0.4471, 0.4207 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, 186, 92) }
```

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

```
.border{ border-color:rgb(255, 186, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1505, 0.4471, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 92) }
```

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

```
.background{ background-color: rgb(255,  
186, 92) }
```

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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