

Converting Colors

Yxy(57.8534, 0.4580, 0.4144)

Have a look what the booklet for
Yxy(57.8534, 0.4580, 0.4144)
contains.

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Color

Yxy(55.8997, 0.4494, 0.4179)

Conversions

Conversions Part 1

Format	Color
Hex	FFB75C
RGB	255, 183, 92
RGB Percent	100%, 72%, 36%
CMY	0.0000, 0.2824, 0.6391
CMYK	0.00, 0.28, 0.64, 0.00
HSL	33°, 100%, 68%
HSV	33°, 64%, 100%
XYZ	60.1132, 55.8997, 17.7504
YIQ	194.1540, 72.1230, -13.0370

Conversions

Conversions Part 2

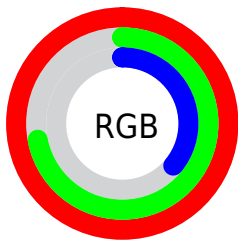
Format	Color
RYB	221, 255, 92
Decimal	16758620
CIELab	79.56, 17.31, 55.50
CIELCh	80, 58.132, 72.681
Yxy	55.8997, 0.4494, 0.4179
Android (android.graphics.Color)	4294948700 (0xFFFFB75C)
YUV	194.1540, -50.3619, 53.3619
Hunter-Lab	74.7661, 12.6764, 38.2601

Details

The Yxy color **55.8997, 0.4494, 0.4179** 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 **36.0563, 0.2084, 0.2103**, and the grayscale version is **54.3149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0373, 0.3834, 0.4223**, and **27.5878, 0.4789, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **51.0610, 0.4741, 0.4252**, and if you desaturate by 10%, it is **61.2560, 0.4240, 0.4069**.

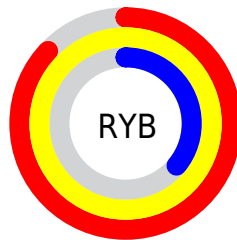
Distribution



Red (100%)

Green (72%)

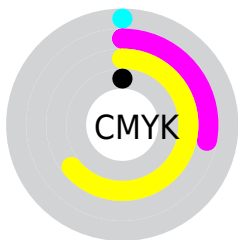
Blue (36%)



Red (87%)

Yellow (100%)

Blue (36%)

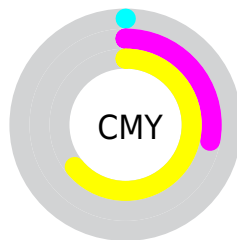


Cyan (0%)

Magenta (28%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8997, 0.4494, 0.4179 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 55.8997, 0.4494, 0.4179 by changing the saturation by 10% instead.


 55.8997, 0.4494,
0.4179

 55.8997, 0.4494,
0.4179


409.3134, 0.3856,
0.3805

 40.1225, 0.4631,
0.4246


 98.8579, 0.4277,
0.4062

 27.6341, 0.4793,
0.4318

 126.8077, 0.4191,
0.4012

 18.0500, 0.4983,
0.4387


 159.5839, 0.4116,
0.3968

 10.9859, 0.5202,
0.4439

 197.5707, 0.4051,
0.3928

 6.0574, 0.5505,
0.4495

241.1527, 0.3994,
0.3892

 2.8800, 0.5671,
0.4329

290.7143, 0.3942,

 1.0694, 0.5955,

0.3860

0.4045

346.6397, 0.3897,
0.3831

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8997, 0.4494,
0.4179

■ 55.8997, 0.4494,
0.4179

■ 51.0610, 0.4741,
0.4252

■ 61.2560, 0.4240,
0.4069

■ 46.7222, 0.4969,
0.4276


■ 67.1585, 0.3993,
0.3935

■ 42.8528, 0.5161,
0.4245

■ 73.6251, 0.3761,
0.3787

■ 40.7071, 0.5263,
0.4203

■ 80.6747, 0.3549,
0.3636

 88.3249, 0.3358,
0.3487

 96.5924, 0.3188,
0.3344

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.



55.8997, 0.4635, 0.3626



55.8997, 0.4494, 0.4179



55.8997, 0.3982, 0.4604

Triad

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



55.8997, 0.4494, 0.4179



55.8997, 0.2051, 0.3365



55.8997, 0.2825, 0.2260

Complementary

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



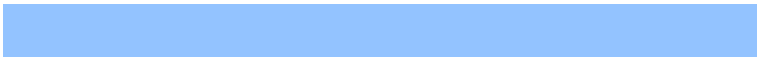
55.8997, 0.4494, 0.4179



36.0563, 0.2084, 0.2103

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.



55.8997, 0.2223, 0.2134



55.8997, 0.4494, 0.4179



55.8997, 0.1822, 0.2662

Square

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



55.8997, 0.4494, 0.4179



55.8997, 0.2570, 0.4173



55.8997, 0.1883, 0.2254



55.8997, 0.3600, 0.2592

Rectangle

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



55.8997, 0.4494, 0.4179



55.8997, 0.3522, 0.4700



55.8997, 0.1883, 0.2254



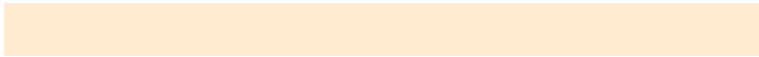
55.8997, 0.2598, 0.2193

Sweetspot

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



55.8975, 0.4494, 0.4179



84.3580, 0.3452, 0.3562



31.6474, 0.4230, 0.2580



17.5934, 0.3508, 0.3605



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.



55.8975, 0.4494, 0.4179



49.6702, 0.4814, 0.4265



92.0401, 0.3960, 0.4796



19.6690, 0.3280, 0.3423



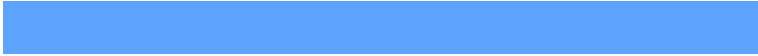
21.5730, 0.5240, 0.4221



2.3184, 0.5088, 0.4342

Inverse Universe

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



36.0563, 0.2084, 0.2103



28.5121, 0.1911, 0.1815



17.5965, 0.1921, 0.1245



18.6986, 0.2979, 0.3154



10.1905, 0.1718, 0.1385



1.2057, 0.1779, 0.1604

Previews

White Background



This preview shows how the Yxy color 55.8997, 0.4494, 0.4179 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 55.8997, 0.4494, 0.4179 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 55.8997, 0.4494, 0.4179

Background



This preview shows how black text looks on a background with the Yxy color 55.8997, 0.4494, 0.4179.



This preview shows how white text looks on a background with the Yxy color 55.8997, 0.4494, 0.4179.

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

55.8997, 0.4494, 0.4179

Protanopia

56.1567, 0.4041, 0.4426

Deuteranopia

55.9549, 0.4371, 0.4277



Tritanopia

55.8985, 0.3736, 0.3177

Trichromacy



Original Color

55.8997, 0.4494, 0.4179

Protanomaly

55.9551, 0.4199, 0.4344

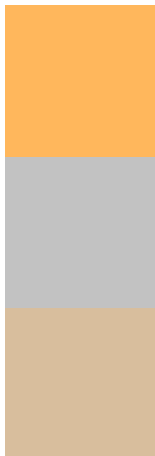
Deuteranomaly

55.8296, 0.4419, 0.4242

Tritanomaly

55.7672, 0.4042, 0.3576

Monochromacy



Original Color

55.8997, 0.4494, 0.4179

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8602, 0.3613, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8997, 0.4494, 0.4179 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, 183, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 92) }
```

Border

The CSS property to change the border of an element to Yxy 55.8997, 0.4494, 0.4179 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, 183, 92) }
```

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

```
.border{ border-color:rgb(255, 183, 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, 183, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8997, 0.4494, 0.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 92) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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