

Converting Colors

Yxy(54.9586, 0.4370, 0.3933)

Have a look what the booklet for
Yxy(54.9586, 0.4370, 0.3933)
contains.

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Color

Yxy(54.7380, 0.4356, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	FFB373
RGB	255, 179, 115
RGB Percent	100%, 70%, 45%
CMY	0.0000, 0.2980, 0.5491
CMYK	0.00, 0.30, 0.55, 0.00
HSL	27°, 100%, 73%
HSV	27°, 55%, 100%
XYZ	60.4561, 54.7380, 23.5940
YIQ	194.4280, 65.8400, -3.7920

Conversions

Conversions Part 2

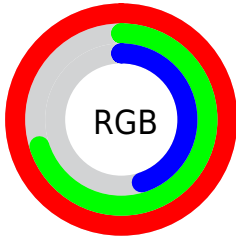
Format	Color
R _Y B	255, 233, 115
Decimal	16757619
CIE Lab	78.89, 20.99, 43.48
CIE LCh	79, 48.279, 64.226
Yxy	54.7380, 0.4356, 0.3944
Android (android.graphics.Color)	4294947699 (0xFFFFB373)
YUV	194.4280, -39.1580, 53.1216
Hunter-Lab	73.9851, 16.3852, 32.8819

Details

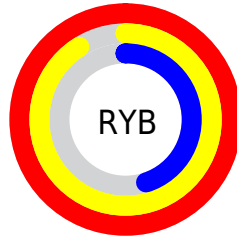
The Yxy color **54.7380, 0.4356, 0.3944** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.1177, 0.2261, 0.2487**, and the grayscale version is **54.4227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5038, 0.3705, 0.3966**, and **26.9055, 0.4657, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **48.9587, 0.4653, 0.4028**, and if you desaturate by 10%, it is **61.2391, 0.4074, 0.3835**.

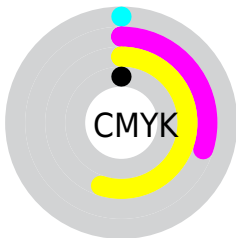
Distribution



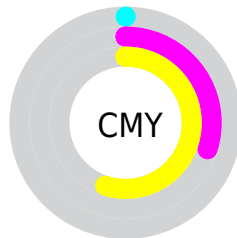
- Red (100%)
- Green (70%)
- Blue (45%)



- Red (100%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (55%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7380, 0.4356, 0.3944 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 54.7380, 0.4356, 0.3944 by changing the saturation by 10% instead.


 54.7380, 0.4356,
0.3944


 54.7380, 0.4356,
0.3944


404.9180, 0.3766,
0.3664

 39.1920, 0.4491,
0.3997


 97.1570, 0.4150,
0.3855

 26.9091, 0.4656,
0.4055


 124.7987, 0.4070,
0.3817

 17.5050, 0.4860,
0.4116


 157.2412, 0.4001,
0.3784

 10.5952, 0.5114,
0.4169

194.8688, 0.3941,
0.3755

 5.7953, 0.5460,
0.4218

238.0659, 0.3889,
0.3729

 2.7210, 0.5845,
0.4155

287.2168, 0.3843,

 0.9879, 0.6190,

0.3705

0.3810

342.7061, 0.3802,
0.3684

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7380, 0.4356,
0.3944

54.7380, 0.4356,
0.3944

48.9587, 0.4653,
0.4028

61.2391, 0.4074,
0.3835

43.8672, 0.4949,
0.4075

68.4861, 0.3815,
0.3713

39.4317, 0.5225,
0.4071

76.5061, 0.3584,
0.3588

35.6145, 0.5460,
0.4011

85.3239, 0.3381,
0.3464

33.8878, 0.5563,
0.3965

94.9627, 0.3205,
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.



54.7380, 0.4351, 0.3462



54.7380, 0.4356, 0.3944



54.7380, 0.4011, 0.4332

Triad

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



54.7380, 0.4356, 0.3944



54.7380, 0.2320, 0.3553



54.7380, 0.2713, 0.2354

Complementary

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



54.7380, 0.4356, 0.3944



48.1177, 0.2261, 0.2487

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.



54.7380, 0.2250, 0.2306



54.7380, 0.4356, 0.3944



54.7380, 0.2040, 0.2920

Square

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



54.7380, 0.4356, 0.3944



54.7380, 0.2827, 0.4167



54.7380, 0.2019, 0.2488



54.7380, 0.3342, 0.2597

Rectangle

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



54.7380, 0.4356, 0.3944



54.7380, 0.3649, 0.4456



54.7380, 0.2019, 0.2488



54.7380, 0.2535, 0.2314

Sweetspot

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



54.7393, 0.4356, 0.3944



84.3209, 0.3402, 0.3477



37.3238, 0.3836, 0.2517



17.6493, 0.3442, 0.3502



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.



54.7393, 0.4356, 0.3944



48.3694, 0.4686, 0.4036



89.6319, 0.3956, 0.4551



19.3554, 0.3283, 0.3399



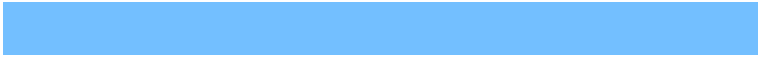
17.9974, 0.5536, 0.3986



1.9676, 0.5345, 0.4138

Inverse Universe

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



48.1177, 0.2261, 0.2487



41.0921, 0.2110, 0.2289



24.7797, 0.2075, 0.1603



19.0115, 0.2979, 0.3179



13.6342, 0.1811, 0.1719



1.5461, 0.1865, 0.1912

Previews

White Background



This preview shows how the Yxy color 54.7380, 0.4356, 0.3944 looks on a white background.

Color Contrast Check

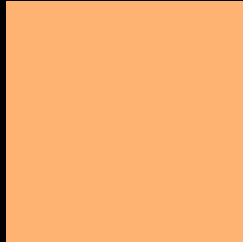
Large Text (above 18pt) WCAG AA × Fail

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 54.7380, 0.4356, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

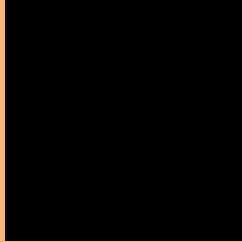
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7380, 0.4356, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 54.7380, 0.4356, 0.3944.



This preview shows how white text looks on a background with the Yxy color 54.7380, 0.4356, 0.3944.

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

54.7380, 0.4356, 0.3944

Protanopia

55.1565, 0.3854, 0.4174

Deuteranopia

54.9100, 0.4174, 0.4092



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.7380, 0.4356, 0.3944

Protanomaly

54.8168, 0.4032, 0.4089

Deuteranomaly

54.7290, 0.4237, 0.4034

Tritanomaly

54.4580, 0.3986, 0.3451

Monochromacy



Original Color

54.7380, 0.4356, 0.3944

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7107, 0.3550, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7380, 0.4356, 0.3944 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, 179, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 115)  
}
```

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, 179, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 115) }
```

Border

The CSS property to change the border of an element to Yxy 54.7380, 0.4356, 0.3944 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, 179, 115) }
```

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

```
.border{ border-color:rgb(255, 179, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7380, 0.4356, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 115) }
```

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

```
.background{ background-color: rgb(255,  
179, 115) }
```

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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