

Converting Colors

Yxy(59.1784, 0.4621, 0.4010)

Have a look what the booklet for
Yxy(59.1784, 0.4621, 0.4010)
contains.

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Color

Yxy(54.8421, 0.4455, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	FFB465
RGB	255, 180, 101
RGB Percent	100%, 71%, 40%
CMY	0.0000, 0.2941, 0.6041
CMYK	0.00, 0.29, 0.60, 0.00
HSL	31°, 100%, 70%
HSV	31°, 60%, 100%
XYZ	59.9121, 54.8421, 19.7286
YIQ	193.4190, 70.0590, -8.6690

Conversions

Conversions Part 2

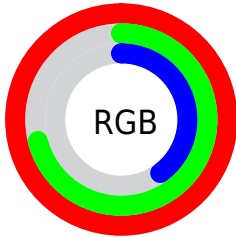
Format	Color
RYB	247, 255, 101
Decimal	16757861
CIELab	78.95, 19.44, 50.53
CIElCh	79, 54.145, 68.959
Yxy	54.8421, 0.4455, 0.4078
Android (android.graphics.Color)	4294947941 (0xFFFFB465)
YUV	193.4190, -45.5626, 54.0065
Hunter-Lab	74.0555, 14.8125, 36.0438

Details

The Yxy color **54.8421, 0.4455, 0.4078** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.0177, 0.2158, 0.2273**, and the grayscale version is **53.8280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5840, 0.3791, 0.4111**, and **26.8784, 0.4760, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **49.6276, 0.4727, 0.4156**, and if you desaturate by 10%, it is **60.6613, 0.4185, 0.3968**.

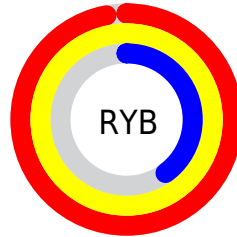
Distribution



Red (100%)

Green (71%)

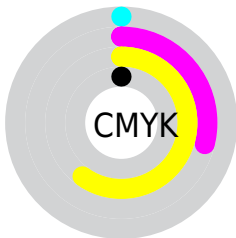
Blue (40%)



Red (97%)

Yellow (100%)

Blue (40%)

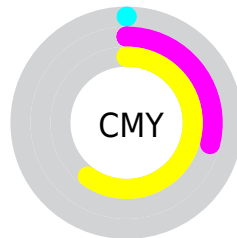


Cyan (0%)

Magenta (29%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8421, 0.4455, 0.4078 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 54.8421, 0.4455, 0.4078 by changing the saturation by 10% instead.


 54.8421, 0.4455,
0.4078


 54.8421, 0.4455,
0.4078


405.3131, 0.3826,
0.3744


 39.2753, 0.4595,
0.4139


 97.3096, 0.4238,
0.3973


 26.9740, 0.4762,
0.4204

 124.9790, 0.4153,
0.3929

 17.5537, 0.4963,
0.4269


 157.4515, 0.4080,
0.3889

 10.6300, 0.5202,
0.4320

 195.1114, 0.4016,
0.3854

 5.8186, 0.5587,
0.4413

238.3432, 0.3959,
0.3822

 2.7351, 0.5777,
0.4223

287.5311, 0.3910,

 0.9951, 0.6101,

0.3794

0.3899

343.0596, 0.3865,
0.3768

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8421, 0.4455,
0.4078

54.8421, 0.4455,
0.4078

49.6276, 0.4727,
0.4156

60.6613, 0.4185,
0.3968

44.9902, 0.4986,
0.4188

67.1084, 0.3929,
0.3839

40.9001, 0.5214,
0.4166

74.2063, 0.3695,
0.3700

37.4522, 0.5397,
0.4097

81.9761, 0.3484,
0.3560

 90.4377, 0.3297,
0.3424

99.6101, 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.



54.8421, 0.4528, 0.3551



54.8421, 0.4455, 0.4078



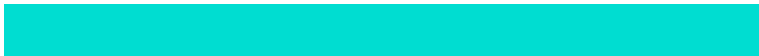
54.8421, 0.4013, 0.4494

Triad

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



54.8421, 0.4455, 0.4078



54.8421, 0.2160, 0.3460



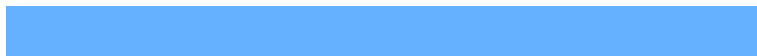
54.8421, 0.2763, 0.2288

Complementary

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



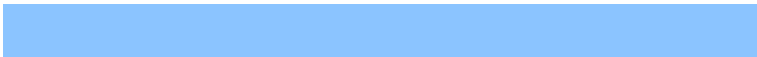
54.8421, 0.4455, 0.4078



41.0177, 0.2158, 0.2273

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.



54.8421, 0.2219, 0.2196



54.8421, 0.4455, 0.4078



54.8421, 0.1903, 0.2774

Square

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



54.8421, 0.4455, 0.4078



54.8421, 0.2683, 0.4192



54.8421, 0.1927, 0.2346



54.8421, 0.3481, 0.2582

Rectangle

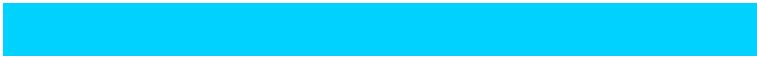
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8421, 0.4455, 0.4078



54.8421, 0.3591, 0.4608



54.8421, 0.1927, 0.2346



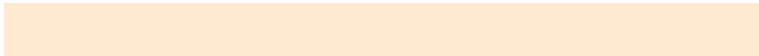
54.8421, 0.2556, 0.2233

Sweetspot

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



54.8424, 0.4455, 0.4078



83.9499, 0.3437, 0.3527



33.7729, 0.4040, 0.2530



17.4593, 0.3494, 0.3567



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.



54.8424, 0.4455, 0.4078



48.8516, 0.4770, 0.4164



93.7188, 0.3982, 0.4703



19.5285, 0.3281, 0.3412



19.8699, 0.5372, 0.4117



2.1534, 0.5201, 0.4252

Inverse Universe

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



41.0177, 0.2158, 0.2273



33.9906, 0.2002, 0.2038



19.2837, 0.1946, 0.1337



18.8377, 0.2979, 0.3165



11.6211, 0.1758, 0.1530



1.3493, 0.1817, 0.1739

Previews

White Background



This preview shows how the Yxy color 54.8421, 0.4455, 0.4078 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 54.8421, 0.4455, 0.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

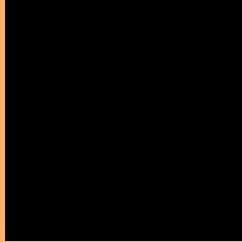
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8421, 0.4455, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 54.8421, 0.4455, 0.4078.



This preview shows how white text looks on a background with the Yxy color 54.8421, 0.4455, 0.4078.

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

54.8421, 0.4455, 0.4078

Protanopia

55.1194, 0.3977, 0.4327

Deuteranopia

55.1423, 0.4300, 0.4212



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.8421, 0.4455, 0.4078

Protanomaly

54.6494, 0.4150, 0.4236

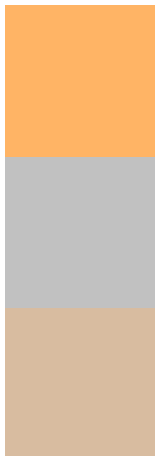
Deuteranomaly

54.7939, 0.4357, 0.4156

Tritanomaly

54.6438, 0.4037, 0.3524

Monochromacy



Original Color

54.8421, 0.4455, 0.4078

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1034, 0.3594, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8421, 0.4455, 0.4078 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, 180, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 101) }
```

Border

The CSS property to change the border of an element to Yxy 54.8421, 0.4455, 0.4078 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, 180, 101) }
```

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

```
.border{ border-color:rgb(255, 180, 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, 180, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8421, 0.4455, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 101) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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