

Converting Colors

Yxy(55.4384, 0.4457, 0.4109)

Have a look what the booklet for
Yxy(55.4384, 0.4457, 0.4109)
contains.

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Color

Yxy(55.6167, 0.4454, 0.4114)

Conversions

Conversions Part 1

Format	Color
Hex	FFB663
RGB	255, 182, 99
RGB Percent	100%, 71%, 39%
CMY	0.0001, 0.2862, 0.6119
CMYK	0.00, 0.29, 0.61, 0.00
HSL	32°, 100%, 69%
HSV	32°, 61%, 100%
XYZ	60.2131, 55.6167, 19.3590
YIQ	194.3650, 70.1510, -10.3370

Conversions

Conversions Part 2

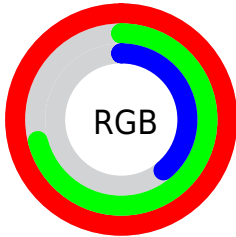
Format	Color
R_{YB}	236, 255, 99
Decimal	16758371
CIE _{Lab}	79.40, 18.24, 52.01
CIE _{LCh}	79, 55.118, 70.676
Yxy	55.6167, 0.4454, 0.4114
Android (android.graphics.Color)	4294948451 (0xFFFFB663)
YUV	194.3650, -47.0149, 53.1769
Hunter-Lab	74.5766, 13.6118, 36.8128

Details

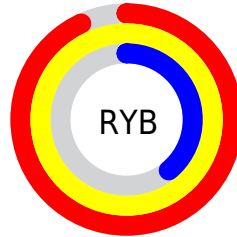
The Yxy color **55.6167, 0.4454, 0.4114** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.3501, 0.2137, 0.2217**, and the grayscale version is **54.4292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6761, 0.3796, 0.4148**, and **27.3832, 0.4750, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **50.5276, 0.4717, 0.4193**, and if you desaturate by 10%, it is **61.2812, 0.4191, 0.4002**.

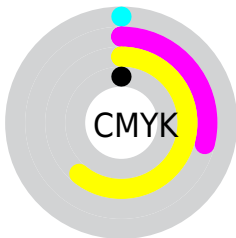
Distribution



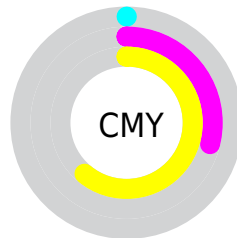
- Red (100%)
- Green (71%)
- Blue (39%)



- Red (93%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (29%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6167, 0.4454, 0.4114 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 55.6167, 0.4454, 0.4114 by changing the saturation by 10% instead.


 55.6167, 0.4454,
0.4114

 55.6167, 0.4454,
0.4114


408.2454, 0.3829,
0.3765


 39.8957, 0.4591,
0.4178


 98.4439, 0.4240,
0.4004

 27.4572, 0.4755,
0.4247


 126.3189, 0.4155,
0.3957

 17.9169, 0.4950,
0.4315


 159.0141, 0.4082,
0.3916

 10.8903, 0.5180,
0.4370

 196.9137, 0.4018,
0.3879

 5.9931, 0.5539,
0.4461

240.4023, 0.3962,
0.3846

 2.8409, 0.5715,
0.4285

289.8642, 0.3913,

 1.0493, 0.6015,

0.3816

345.6837, 0.3869,
0.3789

0.3985

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6167, 0.4454,
0.4114

55.6167, 0.4454,
0.4114

50.5276, 0.4717,
0.4193

61.2812, 0.4191,
0.4002

45.9802, 0.4964,
0.4225

67.5358, 0.3940,
0.3869

41.9485, 0.5180,
0.4203

74.4047, 0.3707,
0.3726

38.7879, 0.5340,
0.4142

81.9078, 0.3497,
0.3581

90.0639, 0.3310,
0.3440

98.8909, 0.3145,
0.3305

99.9958, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.6167, 0.4554, 0.3583



55.6167, 0.4454, 0.4114



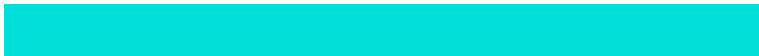
55.6167, 0.3988, 0.4525

Triad

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



55.6167, 0.4454, 0.4114



55.6167, 0.2126, 0.3417



55.6167, 0.2796, 0.2288

Complementary

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



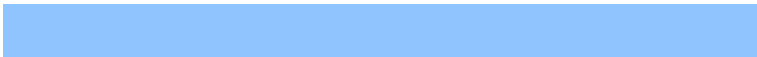
55.6167, 0.4454, 0.4114



39.3501, 0.2137, 0.2217

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.



55.6167, 0.2233, 0.2183



55.6167, 0.4454, 0.4114



55.6167, 0.1883, 0.2733

Square

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



55.6167, 0.4454, 0.4114



55.6167, 0.2641, 0.4169



55.6167, 0.1924, 0.2319



55.6167, 0.3528, 0.2596

Rectangle

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



55.6167, 0.4454, 0.4114



55.6167, 0.3556, 0.4627



55.6167, 0.1924, 0.2319



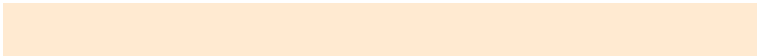
55.6167, 0.2583, 0.2229

Sweetspot

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



55.6195, 0.4454, 0.4114



84.4487, 0.3435, 0.3535



33.2454, 0.4091, 0.2548



17.5809, 0.3492, 0.3577



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.



55.6195, 0.4454, 0.4114



49.6712, 0.4763, 0.4202



93.1723, 0.3972, 0.4727



19.5882, 0.3281, 0.3417



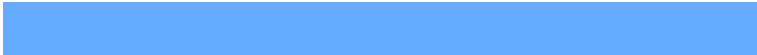
20.5734, 0.5316, 0.4161



2.2220, 0.5153, 0.4291

Inverse Universe

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



39.3501, 0.2137, 0.2217



32.2262, 0.1977, 0.1968



18.9375, 0.1945, 0.1318



18.7784, 0.2979, 0.3160



10.9915, 0.1741, 0.1467



1.2865, 0.1800, 0.1681

Previews

White Background



This preview shows how the Yxy color 55.6167, 0.4454, 0.4114 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 55.6167, 0.4454, 0.4114 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 55.6167, 0.4454, 0.4114

Background



This preview shows how black text looks on a background with the Yxy color 55.6167, 0.4454, 0.4114.



This preview shows how white text looks on a background with the Yxy color 55.6167, 0.4454, 0.4114.

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

55.6167, 0.4454, 0.4114

Protanopia

55.6837, 0.3993, 0.4353

Deuteranopia

55.9030, 0.4317, 0.4223



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.6167, 0.4454, 0.4114

Protanomaly

55.6475, 0.4160, 0.4271

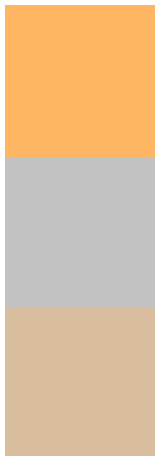
Deuteranomaly

55.7738, 0.4365, 0.4189

Tritanomaly

55.4673, 0.4019, 0.3534

Monochromacy



Original Color

55.6167, 0.4454, 0.4114

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9290, 0.3597, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6167, 0.4454, 0.4114 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, 182, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 99)  
}
```

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, 182, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 99) }
```

Border

The CSS property to change the border of an element to Yxy 55.6167, 0.4454, 0.4114 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, 182, 99) }
```

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

```
.border{ border-color:rgb(255, 182, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6167, 0.4454, 0.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 99) }
```

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

```
.background{ background-color: rgb(255,  
182, 99) }
```

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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