

Converting Colors

Yxy(55.6604, 0.4390, 0.4031)

Have a look what the booklet for
Yxy(55.6604, 0.4390, 0.4031)
contains.

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Color

Yxy(55.7986, 0.4389, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	FFB66C
RGB	255, 182, 108
RGB Percent	100%, 71%, 42%
CMY	0.0001, 0.2862, 0.5765
CMYK	0.00, 0.29, 0.58, 0.00
HSL	30°, 100%, 71%
HSV	30°, 58%, 100%
XYZ	60.6639, 55.7986, 21.7555
YIQ	195.3910, 67.2620, -7.5380

Conversions

Conversions Part 2

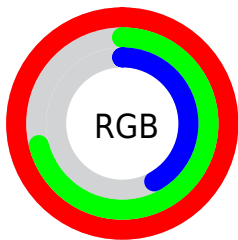
Format	Color
R _Y B	253, 255, 108
Decimal	16758380
CIE Lab	79.50, 18.86, 47.73
CIE LCh	79, 51.322, 68.439
Yxy	55.7986, 0.4389, 0.4037
Android (android.graphics.Color)	4294948460 (0xFFFFB66C)
YUV	195.3910, -43.0838, 52.2771
Hunter-Lab	74.6985, 14.2405, 35.0210

Details

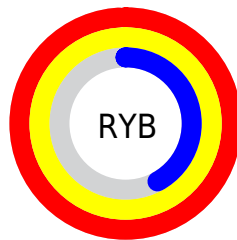
The Yxy color **55.7986, 0.4389, 0.4037** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.4211, 0.2202, 0.2348**, and the grayscale version is **55.0510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9823, 0.3740, 0.4062**, and **27.6081, 0.4685, 0.4157** is the 20% darker color. If you saturate the color by 10%, you get **50.3842, 0.4666, 0.4123**, and if you desaturate by 10%, it is **61.8455, 0.4119, 0.3923**.

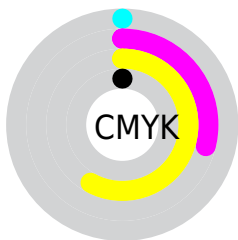
Distribution



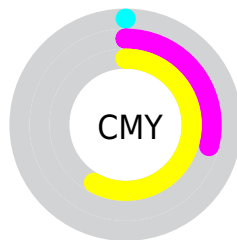
- Red (100%)
- Green (71%)
- Blue (42%)



- Red (99%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7986, 0.4389, 0.4037 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 55.7986, 0.4389, 0.4037 by changing the saturation by 10% instead.

 55.7986, 0.4389,
0.4037

 55.7986, 0.4389,
0.4037

408.9321, 0.3790,
0.3718


 40.0415, 0.4523,
0.4097


 98.7100, 0.4182,
0.3935

 27.5709, 0.4685,
0.4163


 126.6332, 0.4101,
0.3893

 18.0024, 0.4882,
0.4231


 159.3804, 0.4031,
0.3855

 10.9517, 0.5121,
0.4291

 197.3361, 0.3970,
0.3821

 6.0344, 0.5471,
0.4370

240.8848, 0.3916,
0.3791

 2.8660, 0.5739,
0.4261

290.4107, 0.3869,

 1.0622, 0.6045,

0.3764

346.2983, 0.3827,
0.3740

0.3955

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7986, 0.4389,
0.4037

55.7986, 0.4389,
0.4037

50.3842, 0.4666,
0.4123

61.8455, 0.4119,
0.3923

45.5675, 0.4935,
0.4167

68.5410, 0.3866,
0.3792

41.3214, 0.5179,
0.4158

75.9107, 0.3636,
0.3655

37.6103, 0.5381,
0.4094

83.9759, 0.3431,
0.3518

■ 36.8055, 0.5425,
0.4075

■ 92.7570, 0.3250,
0.3386

99.9929, 0.3127,
0.3290

Harmonies

Analogous

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



55.7986, 0.4445, 0.3537



55.7986, 0.4389, 0.4037



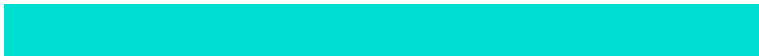
55.7986, 0.3980, 0.4426

Triad

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



55.7986, 0.4389, 0.4037



55.7986, 0.2219, 0.3465



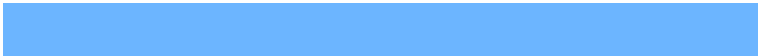
55.7986, 0.2774, 0.2333

Complementary

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



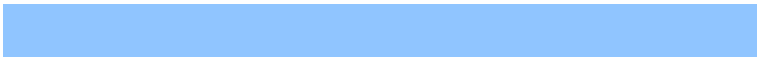
55.7986, 0.4389, 0.4037



43.4211, 0.2202, 0.2348

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.



55.7986, 0.2259, 0.2251



55.7986, 0.4389, 0.4037



55.7986, 0.1967, 0.2816

Square

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



55.7986, 0.4389, 0.4037



55.7986, 0.2722, 0.4145



55.7986, 0.1984, 0.2402



55.7986, 0.3450, 0.2612

Rectangle

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



55.7986, 0.4389, 0.4037



55.7986, 0.3583, 0.4530



55.7986, 0.1984, 0.2402



55.7986, 0.2579, 0.2282

Sweetspot

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



55.8014, 0.4389, 0.4037



84.5501, 0.3418, 0.3509



35.3306, 0.3978, 0.2556



17.7361, 0.3457, 0.3536



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.



55.8014, 0.4389, 0.4037



49.7142, 0.4703, 0.4131



93.8313, 0.3952, 0.4654



19.4994, 0.3282, 0.3410



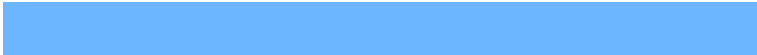
19.5371, 0.5400, 0.4095



2.1208, 0.5225, 0.4233

Inverse Universe

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



43.4211, 0.2202, 0.2348



36.2899, 0.2045, 0.2122



21.1268, 0.2002, 0.1429



18.8668, 0.2979, 0.3167



11.9404, 0.1767, 0.1561



1.3808, 0.1825, 0.1768

Previews

White Background



This preview shows how the Yxy color 55.7986, 0.4389, 0.4037 looks on a white background.

Color Contrast Check

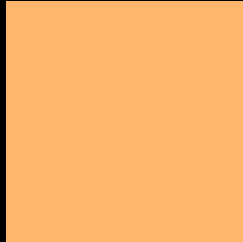
Large Text (above 18pt) WCAG AA × Fail

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 55.7986, 0.4389, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

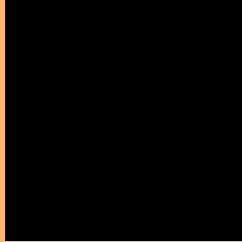
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7986, 0.4389, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 55.7986, 0.4389, 0.4037.



This preview shows how white text looks on a background with the Yxy color 55.7986, 0.4389, 0.4037.

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

55.7986, 0.4389, 0.4037

Protanopia

55.7237, 0.3923, 0.4265

Deuteranopia

55.9052, 0.4246, 0.4146



Tritanopia

55.8985, 0.3736, 0.3177

Trichromacy



Original Color

55.7986, 0.4389, 0.4037

Protanomaly

55.6700, 0.4088, 0.4188

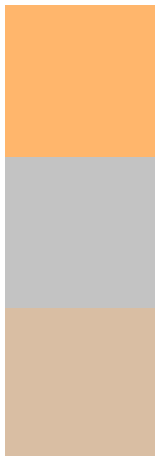
Deuteranomaly

55.9535, 0.4302, 0.4110

Tritanomaly

55.5694, 0.3992, 0.3503

Monochromacy



Original Color

55.7986, 0.4389, 0.4037

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2230, 0.3572, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7986, 0.4389, 0.4037 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 108) }
```

Border

The CSS property to change the border of an element to Yxy 55.7986, 0.4389, 0.4037 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, 108) }
```

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

```
.border{ border-color:rgb(255, 182, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 182, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 182, 108); box-shadow:4px 4px 4px 4px rgb(255, 182, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7986, 0.4389, 0.4037 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, 108) }
```

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

```
.background{ background-color: rgb(255,  
182, 108) }
```

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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