

Converting Colors

Yxy(58.0666, 0.4202, 0.3616)

Have a look what the booklet for
Yxy(58.0666, 0.4202, 0.3616)
contains.

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Color

Yxy(55.5755, 0.4095, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	FFB392
RGB	255, 179, 146
RGB Percent	100%, 70%, 57%
CMY	0.0000, 0.2981, 0.4274
CMYK	0.00, 0.30, 0.43, 0.00
HSL	18°, 100%, 79%
HSV	18°, 43%, 100%
XYZ	62.5568, 55.5755, 34.6316
YIQ	197.9620, 55.8890, 5.8490

Conversions

Conversions Part 2

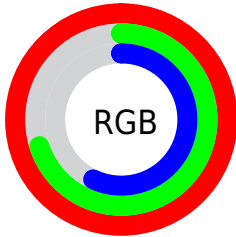
Format	Color
R _Y B	255, 193, 146
Decimal	16757650
CIE Lab	79.37, 23.84, 27.91
CIE LCh	79, 36.709, 49.498
Yxy	55.5755, 0.4095, 0.3638
Android (android.graphics.Color)	4294947730 (0xFFFFB392)
YUV	197.9620, -25.6173, 50.0223
Hunter-Lab	74.5490, 19.3253, 24.6412

Details

The Yxy color **55.5755, 0.4095, 0.3638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.5897, 0.2480, 0.2903**, and the grayscale version is **56.5785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8468, 0.3493, 0.3642**, and **27.4837, 0.4352, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **48.1912, 0.4424, 0.3711**, and if you desaturate by 10%, it is **64.0516, 0.3806, 0.3556**.

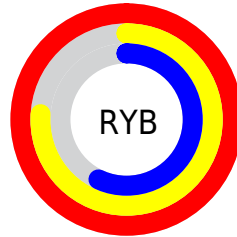
Distribution



Red (100%)

Green (70%)

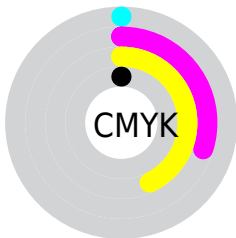
Blue (57%)



Red (100%)

Yellow (76%)

Blue (57%)

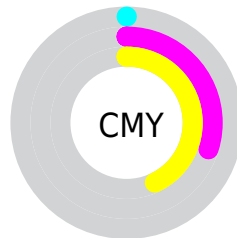


Cyan (0%)

Magenta (30%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5755, 0.4095, 0.3638 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 55.5755, 0.4095, 0.3638 by changing the saturation by 10% instead.


 55.5755, 0.4095,
0.3638

 55.5755, 0.4095,
0.3638

408.0898, 0.3622,
0.3489

 39.8627, 0.4208,
0.3667


 98.3836, 0.3927,
0.3590

 27.4315, 0.4349,
0.3700


 126.2477, 0.3862,
0.3570

 17.8975, 0.4531,
0.3736


158.9311, 0.3808,
0.3553

 10.8765, 0.4772,
0.3773

196.8180, 0.3760,
0.3537

 5.9838, 0.5100,
0.3800

240.2930, 0.3719,
0.3523

 2.8352, 0.5642,
0.3839

289.7403, 0.3683,

 1.0463, 0.6320,

0.3511

0.3680

345.5444, 0.3651,
0.3500

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5755, 0.4095,
0.3638

55.5755, 0.4095,
0.3638

48.1912, 0.4424,
0.3711

64.0516, 0.3806,
0.3556

41.8588, 0.4785,
0.3766

73.6703, 0.3557,
0.3471

36.5255, 0.5160,
0.3788

84.4706, 0.3347,
0.3388

32.1363, 0.5516,
0.3768

96.4916, 0.3170,
0.3310

■ 28.6293, 0.5816,
0.3699

100.0000, 0.3127,
0.3290

■ 26.5891, 0.5989,
0.3627

Harmonies

Analogous

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



55.5755, 0.3940, 0.3253



55.5755, 0.4095, 0.3638



55.5755, 0.3966, 0.3976

Triad

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



55.5755, 0.4095, 0.3638



55.5755, 0.2689, 0.3728



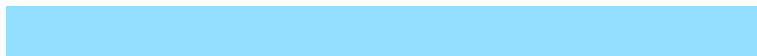
55.5755, 0.2615, 0.2519

Complementary

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



55.5755, 0.4095, 0.3638



65.5897, 0.2480, 0.2903

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.



55.5755, 0.2332, 0.2578



55.5755, 0.4095, 0.3638



55.5755, 0.2370, 0.3246

Square

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



55.5755, 0.4095, 0.3638



55.5755, 0.3141, 0.4081



55.5755, 0.2246, 0.2827



55.5755, 0.3053, 0.2637

Rectangle

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



55.5755, 0.4095, 0.3638



55.5755, 0.3748, 0.4123



55.5755, 0.2246, 0.2827



55.5755, 0.2501, 0.2518

Sweetspot

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



55.5732, 0.4095, 0.3638



84.1715, 0.3352, 0.3390



47.1142, 0.3465, 0.2521



17.4852, 0.3396, 0.3408



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.



55.5732, 0.4095, 0.3638



49.3970, 0.4364, 0.3700



81.7293, 0.3852, 0.4162



18.8830, 0.3287, 0.3363



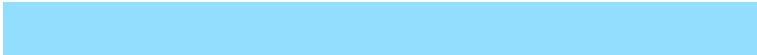
14.1213, 0.5959, 0.3650



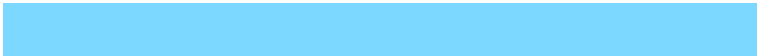
1.5572, 0.5739, 0.3825

Inverse Universe

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



65.5897, 0.2480, 0.2903



60.5100, 0.2370, 0.2813



41.2701, 0.2366, 0.2226



19.4991, 0.2980, 0.3216



20.6535, 0.1964, 0.2269



2.2033, 0.2000, 0.2400

Previews

White Background



This preview shows how the Yxy color 55.5755, 0.4095, 0.3638 looks on a white background.

Color Contrast Check

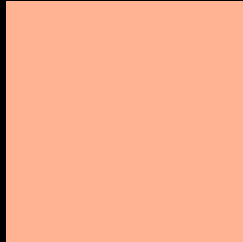
Large Text (above 18pt) WCAG AA × Fail

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 55.5755, 0.4095, 0.3638 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 55.5755, 0.4095, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 55.5755, 0.4095, 0.3638.



This preview shows how white text looks on a background with the Yxy color 55.5755, 0.4095, 0.3638.

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

55.5755, 0.4095, 0.3638

Protanopia

55.9672, 0.3564, 0.3808

Deuteranopia

55.7324, 0.3874, 0.3799



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.5755, 0.4095, 0.3638

Protanomaly

55.2300, 0.3751, 0.3742

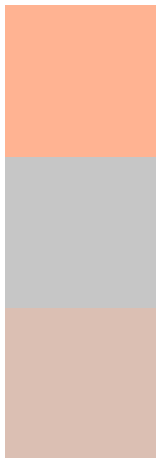
Deuteranomaly

55.4430, 0.3953, 0.3732

Tritanomaly

55.2892, 0.3872, 0.3334

Monochromacy



Original Color

55.5755, 0.4095, 0.3638

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5763, 0.3456, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5755, 0.4095, 0.3638 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 146) }
```

Border

The CSS property to change the border of an element to Yxy 55.5755, 0.4095, 0.3638 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, 146) }
```

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

```
.border{ border-color:rgb(255, 179, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5755, 0.4095, 0.3638 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, 146) }
```

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

```
.background{ background-color: rgb(255,  
179, 146) }
```

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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