

Converting Colors

$Y_{xy}(100.0000, 0.5272, 0.3553)$

Have a look what the booklet for
Yxy(100.0000, 0.5272, 0.3553)
contains.

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Color

Yxy(55.1389, 0.4225, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	FFB383
RGB	255, 179, 131
RGB Percent	100%, 70%, 51%
CMY	0.0000, 0.2981, 0.4862
CMYK	0.00, 0.30, 0.49, 0.00
HSL	23°, 100%, 76%
HSV	23°, 49%, 100%
XYZ	61.4675, 55.1389, 28.8788
YIQ	196.2520, 60.7040, 1.1840

Conversions

Conversions Part 2

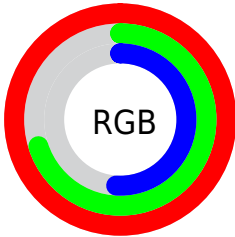
Format	Color
R _Y B	255, 209, 131
Decimal	16757635
CIE Lab	79.12, 22.38, 35.50
CIE LCh	79, 41.968, 57.771
Yxy	55.1389, 0.4225, 0.3790
Android (android.graphics.Color)	4294947715 (0xFFFFB383)
YUV	196.2520, -32.1692, 51.5220
Hunter-Lab	74.2556, 17.8120, 28.9204

Details

The Yxy color **55.1389, 0.4225, 0.3790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6821, 0.2376, 0.2708**, and the grayscale version is **55.5261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1794, 0.3593, 0.3795**, and **27.1179, 0.4498, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **48.6114, 0.4541, 0.3874**, and if you desaturate by 10%, it is **62.5383, 0.3936, 0.3690**.

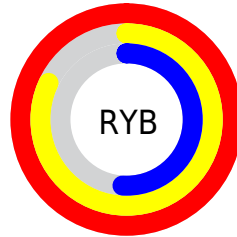
Distribution



Red (100%)

Green (70%)

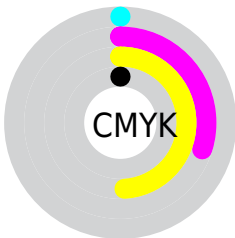
Blue (51%)



Red (100%)

Yellow (82%)

Blue (51%)

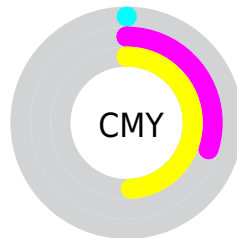


Cyan (0%)

Magenta (30%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1389, 0.4225, 0.3790 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 55.1389, 0.4225, 0.3790 by changing the saturation by 10% instead.


 55.1389, 0.4225,
0.3790


 55.1389, 0.4225,
0.3790

406.4382, 0.3692,
0.3575

 39.5129, 0.4350,
0.3832


 97.7444, 0.4037,
0.3720

 27.1590, 0.4505,
0.3879


 125.4928, 0.3964,
0.3692

 17.6927, 0.4702,
0.3930


 158.0508, 0.3902,
0.3667

 10.7296, 0.4955,
0.3980

195.8027, 0.3849,
0.3644

 5.8853, 0.5287,
0.4012

239.1330, 0.3802,
0.3624

 2.7755, 0.5897,
0.4103

288.4261, 0.3761,

 1.0157, 0.6255,

0.3606

0.3745

344.0664, 0.3725,
0.3590

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1389, 0.4225,
0.3790

55.1389, 0.4225,
0.3790

48.6114, 0.4541,
0.3874

62.5383, 0.3936,
0.3690

42.9324, 0.4873,
0.3930

70.8564, 0.3681,
0.3583

38.0583, 0.5200,
0.3944

80.1210, 0.3459,
0.3476

33.9454, 0.5496,
0.3906

90.3621, 0.3269,
0.3374

■ 30.5412, 0.5736,
0.3817

100.0000, 0.3127,
0.3290

■ 30.1220, 0.5767,
0.3803

Harmonies

Analogous

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



55.1389, 0.4141, 0.3359



55.1389, 0.4225, 0.3790



55.1389, 0.3990, 0.4148

Triad

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



55.1389, 0.4225, 0.3790



55.1389, 0.2506, 0.3644



55.1389, 0.2665, 0.2438

Complementary

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



55.1389, 0.4225, 0.3790



56.6821, 0.2376, 0.2708

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.



55.1389, 0.2293, 0.2442



55.1389, 0.4225, 0.3790



55.1389, 0.2205, 0.3085

Square

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



55.1389, 0.4225, 0.3790



55.1389, 0.2986, 0.4123



55.1389, 0.2134, 0.2657



55.1389, 0.3194, 0.2619

Rectangle

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



55.1389, 0.4225, 0.3790



55.1389, 0.3701, 0.4282



55.1389, 0.2134, 0.2657



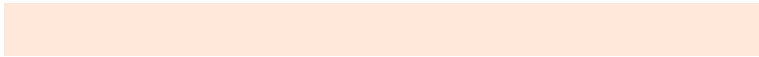
55.1389, 0.2520, 0.2417

Sweetspot

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



55.1346, 0.4225, 0.3790



83.7175, 0.3387, 0.3439



42.0233, 0.3635, 0.2517



17.4678, 0.3429, 0.3460



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.



55.1346, 0.4225, 0.3790



48.9931, 0.4521, 0.3870



85.5343, 0.3908, 0.4361



19.1395, 0.3285, 0.3382



16.0071, 0.5737, 0.3827



1.7628, 0.5526, 0.3994

Inverse Universe

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



56.6821, 0.2376, 0.2708



50.6348, 0.2248, 0.2571



32.4425, 0.2226, 0.1920



19.2318, 0.2979, 0.3196



16.5523, 0.1880, 0.1967



1.8237, 0.1926, 0.2133

Previews

White Background



This preview shows how the Yxy color 55.1389, 0.4225, 0.3790 looks on a white background.

Color Contrast Check

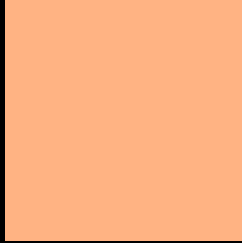
Large Text (above 18pt) WCAG AA × Fail

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 55.1389, 0.4225, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

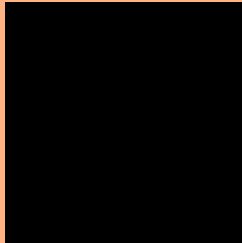
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1389, 0.4225, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 55.1389, 0.4225, 0.3790.



This preview shows how white text looks on a background with the Yxy color 55.1389, 0.4225, 0.3790.

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

55.1389, 0.4225, 0.3790

Protanopia

55.3119, 0.3709, 0.3985

Deuteranopia

55.3843, 0.4027, 0.3945



Tritanopia

55.0773, 0.3750, 0.3166

Trichromacy



Original Color

55.1389, 0.4225, 0.3790

Protanomaly

55.0702, 0.3899, 0.3919

Deuteranomaly

55.3643, 0.4096, 0.3887

Tritanomaly

55.0638, 0.3927, 0.3398

Monochromacy



Original Color

55.1389, 0.4225, 0.3790

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5572, 0.3498, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1389, 0.4225, 0.3790 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 131) }
```

Border

The CSS property to change the border of an element to Yxy 55.1389, 0.4225, 0.3790 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, 131) }
```

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

```
.border{ border-color:rgb(255, 179, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1389, 0.4225, 0.3790 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, 131) }
```

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

```
.background{ background-color: rgb(255,  
179, 131) }
```

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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