

Converting Colors

$Y_{xy}(79.2693, 0.4315, 0.3795)$

Have a look what the booklet for
Yxy(79.2693, 0.4315, 0.3795)
contains.

Yxy(68.5738, 0.3931, 0.3889)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.5738, 0.3931, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	FFD096
RGB	255, 208, 150
RGB Percent	100%, 82%, 59%
CMY	0.0000, 0.1844, 0.4117
CMYK	0.00, 0.18, 0.41, 0.00
HSL	33°, 100%, 79%
HSV	33°, 41%, 100%
XYZ	69.3144, 68.5738, 38.4394
YIQ	215.4410, 46.6300, -8.0740

Conversions

Conversions Part 2

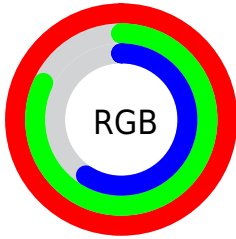
Format	Color
R _Y B	235, 255, 150
Decimal	16765078
CIE Lab	86.29, 9.14, 35.01
CIE LCh	86, 36.187, 75.373
Yxy	68.5738, 0.3931, 0.3889
Android (android.graphics.Color)	4294955158 (0xFFFFD096)
YUV	215.4410, -32.2624, 34.6932
Hunter-Lab	82.8093, 4.4947, 30.4446

Details

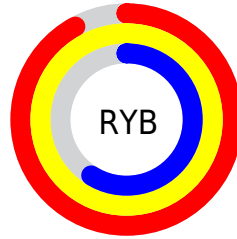
The Yxy color **68.5738, 0.3931, 0.3889** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6464, 0.2450, 0.2597**, and the grayscale version is **68.4635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **35.7288, 0.4114, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **62.4654, 0.4176, 0.4027**, and if you desaturate by 10%, it is **75.2502, 0.3702, 0.3741**.

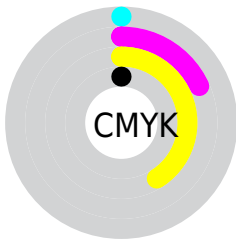
Distribution



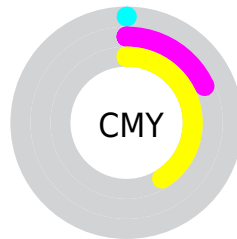
- Red (100%)
- Green (82%)
- Blue (59%)



- Red (92%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5738, 0.3931, 0.3889 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 68.5738, 0.3931, 0.3889 by changing the saturation by 10% instead.


 68.5738, 0.3931,
0.3889


 68.5738, 0.3931,
0.3889


455.5263, 0.3557,
0.3622

 50.3647, 0.4015,
0.3946


 117.1726, 0.3802,
0.3799

 35.7033, 0.4118,
0.4014


 148.3311, 0.3752,
0.3763

 24.2051, 0.4246,
0.4096


184.5749, 0.3708,
0.3732

 15.4858, 0.4408,
0.4194

226.2883, 0.3670,
0.3704

 9.1611, 0.4616,
0.4310

273.8558, 0.3637,
0.3680

 4.8464, 0.4893,
0.4445

327.6617, 0.3607,

 2.1574, 0.5349,

0.3658

0.4651

388.0904, 0.3581,
0.3639

0.6966, 0.5598,
0.4402

0.0000, 0.0000,
0.0000

68.5738, 0.3931,
0.3889

68.5738, 0.3931,
0.3889

62.4654, 0.4176,
0.4027

75.2502, 0.3702,
0.3741

56.9223, 0.4431,
0.4143

82.5307, 0.3495,
0.3591

51.9169, 0.4684,
0.4226

90.4274, 0.3309,
0.3445

47.4253, 0.4922,
0.4263

98.9569, 0.3145,
0.3306

■ 43.4200, 0.5128,
0.4246

100.0000, 0.3127,
0.3290

■ 40.2563, 0.5280,
0.4189

Harmonies

Analogous

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



68.5738, 0.4012, 0.3568



68.5738, 0.3931, 0.3889



68.5738, 0.3629, 0.4079

Triad

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



68.5738, 0.3931, 0.3889



68.5738, 0.2459, 0.3313



68.5738, 0.2999, 0.2661

Complementary

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



68.5738, 0.3931, 0.3889



53.6464, 0.2450, 0.2597

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.



68.5738, 0.2610, 0.2574



68.5738, 0.3931, 0.3889



68.5738, 0.2316, 0.2912

Square

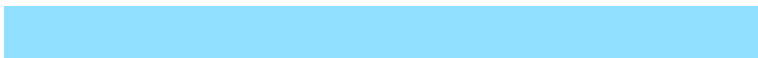
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5738, 0.3931, 0.3889



68.5738, 0.2778, 0.3746



68.5738, 0.2369, 0.2654



68.5738, 0.3452, 0.2888

Rectangle

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



68.5738, 0.3931, 0.3889



68.5738, 0.3352, 0.4082



68.5738, 0.2369, 0.2654



68.5738, 0.2857, 0.2615

Sweetspot

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



68.5680, 0.3931, 0.3889



89.7509, 0.3324, 0.3457



47.1181, 0.3702, 0.2802



18.9834, 0.3347, 0.3476



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.



68.5680, 0.3931, 0.3889



63.7434, 0.4121, 0.3998



94.0002, 0.3708, 0.4325



19.6503, 0.3280, 0.3421



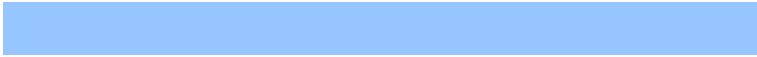
21.3375, 0.5258, 0.4207



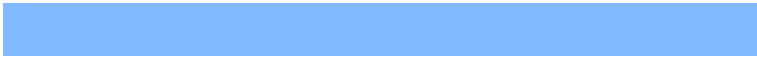
2.2958, 0.5103, 0.4330

Inverse Universe

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



53.6464, 0.2450, 0.2597



47.0871, 0.2319, 0.2437



36.0292, 0.2391, 0.2026



18.7169, 0.2979, 0.3155



10.3702, 0.1723, 0.1404



1.2239, 0.1784, 0.1621

Previews

White Background



This preview shows how the Yxy color 68.5738, 0.3931, 0.3889 looks on a white background.

Color Contrast Check

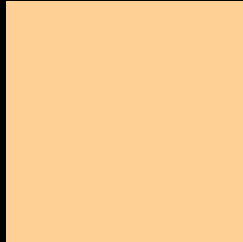
Large Text (above 18pt) WCAG AA × Fail

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 68.5738, 0.3931, 0.3889 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 68.5738, 0.3931, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 68.5738, 0.3931, 0.3889.



This preview shows how white text looks on a background with the Yxy color 68.5738, 0.3931, 0.3889.

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

68.5738, 0.3931, 0.3889

Protanopia

68.7353, 0.3701, 0.3980

Deuteranopia

68.7721, 0.3886, 0.3829



Tritanopia

68.4074, 0.3445, 0.3158

Trichromacy



Original Color

68.5738, 0.3931, 0.3889

Protanomaly

68.5563, 0.3783, 0.3945

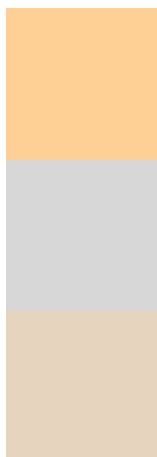
Deuteranomaly

68.7048, 0.3901, 0.3849

Tritanomaly

68.2073, 0.3628, 0.3426

Monochromacy



Original Color

68.5738, 0.3931, 0.3889

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.6715, 0.3413, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5738, 0.3931, 0.3889 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, 208, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 150)  
}
```

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, 208, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 150) }
```

Border

The CSS property to change the border of an element to Yxy 68.5738, 0.3931, 0.3889 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, 208, 150) }
```

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

```
.border{ border-color:rgb(255, 208, 150) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5738, 0.3931, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 150) }
```

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

```
.background{ background-color: rgb(255,  
208, 150) }
```

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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