

Converting Colors

$Yxy(64.1479, 0.4186, 0.4107)$

Have a look what the booklet for
Yxy(64.1479, 0.4186, 0.4107)
contains.

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Color

Yxy(64.3894, 0.4182, 0.4110)

Conversions

Conversions Part 1

Format	Color
Hex	FFC978
RGB	255, 201, 120
RGB Percent	100%, 79%, 47%
CMY	0.0000, 0.2117, 0.5292
CMYK	0.00, 0.21, 0.53, 0.00
HSL	36°, 100%, 74%
HSV	36°, 53%, 100%
XYZ	65.5174, 64.3894, 26.7584
YIQ	207.9120, 58.1850, -13.7430

Conversions

Conversions Part 2

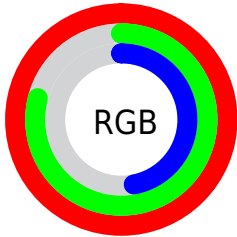
Format	Color
R _Y B	210, 255, 120
Decimal	16763256
CIE Lab	84.17, 9.92, 47.43
CIE LCh	84, 48.456, 78.184
Yxy	64.3894, 0.4182, 0.4110
Android (android.graphics.Color)	4294953336 (0xFFFFC978)
YUV	207.9120, -43.3406, 41.2962
Hunter-Lab	80.2430, 5.3177, 36.3988

Details

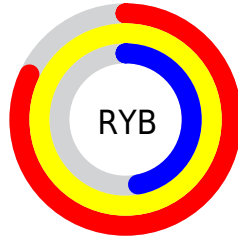
The Yxy color **64.3894, 0.4182, 0.4110** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.5008, 0.2239, 0.2269**, and the grayscale version is **63.2786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **32.8992, 0.4412, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **59.2537, 0.4419, 0.4232**, and if you desaturate by 10%, it is **70.0120, 0.3949, 0.3965**.

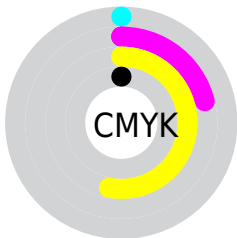
Distribution



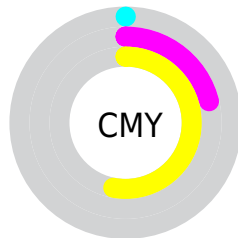
- Red (100%)
- Green (79%)
- Blue (47%)



- Red (82%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3894, 0.4182, 0.4110 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 64.3894, 0.4182, 0.4110 by changing the saturation by 10% instead.


 64.3894, 0.4182,
0.4110

 64.3894, 0.4182,
0.4110


440.5945, 0.3695,
0.3750

 46.9661, 0.4288,
0.4183


 111.1715, 0.4016,
0.3991

 33.0089, 0.4416,
0.4267


 141.2992, 0.3950,
0.3943

 22.1333, 0.4569,
0.4363


 176.4305, 0.3894,
0.3901

 13.9548, 0.4753,
0.4468

216.9497, 0.3844,
0.3864

 8.0893, 0.4973,
0.4573

263.2414, 0.3800,
0.3830

 4.1521, 0.5291,
0.4709

315.6898, 0.3761,

 1.7590, 0.5424,

0.3801

0.4576

374.6793, 0.3726,
0.3774

0.4614, 0.5960,
0.4040

0.0000, 0.0000,
0.0000

64.3894, 0.4182,
0.4110

64.3894, 0.4182,
0.4110

59.2537, 0.4419,
0.4232

70.0120, 0.3949,
0.3965

54.5762, 0.4648,
0.4317

76.1301, 0.3728,
0.3806

50.3381, 0.4857,
0.4356

82.7634, 0.3523,
0.3645

46.5143, 0.5034,
0.4340

89.9274, 0.3338,
0.3485

44.0353, 0.5140,
0.4301

97.6368, 0.3172,
0.3333

99.9988, 0.3127,
0.3290

Harmonies

Analogous

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



64.3894, 0.4341, 0.3678



64.3894, 0.4182, 0.4110



64.3894, 0.3740, 0.4379

Triad

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



64.3894, 0.4182, 0.4110



64.3894, 0.2202, 0.3249



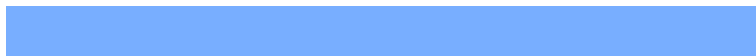
64.3894, 0.3001, 0.2481

Complementary

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



64.3894, 0.4182, 0.4110



41.5008, 0.2239, 0.2269

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.



64.3894, 0.2470, 0.2344



64.3894, 0.4182, 0.4110



64.3894, 0.2047, 0.2719

Square

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



64.3894, 0.4182, 0.4110



64.3894, 0.2596, 0.3873



64.3894, 0.2141, 0.2415



64.3894, 0.3623, 0.2788

Rectangle

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



64.3894, 0.4182, 0.4110



64.3894, 0.3357, 0.4383



64.3894, 0.2141, 0.2415



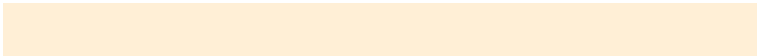
64.3894, 0.2806, 0.2414

Sweetspot

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



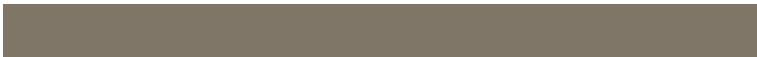
64.3925, 0.4182, 0.4110



87.6697, 0.3393, 0.3534



37.8483, 0.4009, 0.2718



18.4471, 0.3431, 0.3567



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.



64.3925, 0.4182, 0.4110



58.7309, 0.4444, 0.4243



92.0613, 0.3819, 0.4604



19.7999, 0.3279, 0.3432



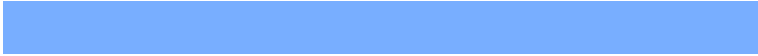
23.3108, 0.5120, 0.4317



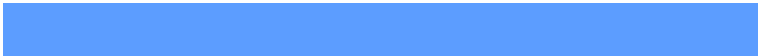
2.4837, 0.4985, 0.4424

Inverse Universe

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



41.5008, 0.2239, 0.2269



33.6293, 0.2062, 0.2009



25.5122, 0.2171, 0.1621



18.5704, 0.2979, 0.3143



9.0122, 0.1683, 0.1259



1.0843, 0.1745, 0.1482

Previews

White Background



This preview shows how the Yxy color 64.3894, 0.4182, 0.4110 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 64.3894, 0.4182, 0.4110 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 64.3894, 0.4182, 0.4110

Background



This preview shows how black text looks on a background with the Yxy color 64.3894, 0.4182, 0.4110.



This preview shows how white text looks on a background with the Yxy color 64.3894, 0.4182, 0.4110.

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

64.3894, 0.4182, 0.4110

Protanopia

64.3462, 0.3908, 0.4243

Deuteranopia

64.4885, 0.4154, 0.4074



Tritanopia

64.2998, 0.3531, 0.3168

Trichromacy



Original Color

64.3894, 0.4182, 0.4110

Protanomaly

64.3815, 0.4004, 0.4197

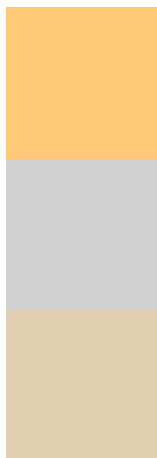
Deuteranomaly

64.4633, 0.4161, 0.4083

Tritanomaly

64.2877, 0.3776, 0.3521

Monochromacy



Original Color

64.3894, 0.4182, 0.4110

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8048, 0.3499, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3894, 0.4182, 0.4110 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, 201, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 120)  
}
```

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, 201, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 120) }
```

Border

The CSS property to change the border of an element to Yxy 64.3894, 0.4182, 0.4110 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, 201, 120) }
```

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

```
.border{ border-color:rgb(255, 201, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3894, 0.4182, 0.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 120) }
```

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

```
.background{ background-color: rgb(255,  
201, 120) }
```

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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