

Converting Colors

$Y_{xy}(64.0010, 0.4108, 0.4054)$

Have a look what the booklet for
Yxy(64.0010, 0.4108, 0.4054)
contains.

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Color

Yxy(64.0010, 0.4108, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	FCC97F
RGB	252, 201, 127
RGB Percent	99%, 79%, 50%
CMY	0.0119, 0.2117, 0.5019
CMYK	0.00, 0.20, 0.50, 0.01
HSL	36°, 95%, 74%
HSV	36°, 50%, 99%
XYZ	64.8535, 64.0010, 29.0167
YIQ	207.8130, 54.1500, -12.2020

Conversions

Conversions Part 2

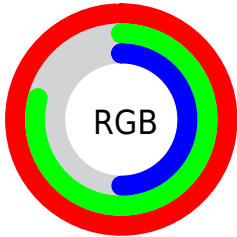
Format	Color
R_{YB}	213, 252, 127
Decimal	16566655
CIE _{Lab}	83.97, 9.30, 43.65
CIE _{LCh}	84, 44.630, 77.978
Yxy	64.0010, 0.4108, 0.4054
Android (android.graphics.Color)	4294756735 (0xFFFC97F)
YUV	207.8130, -39.8408, 38.7520
Hunter-Lab	80.0006, 4.7022, 34.4956

Details

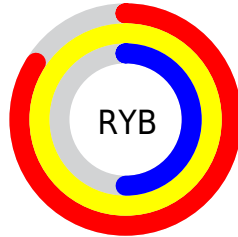
The Yxy color **64.0010, 0.4108, 0.4054** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.3622, 0.2298, 0.2359**, and the grayscale version is **63.1865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **32.7267, 0.4334, 0.4205** is the 20% darker color. If you saturate the color by 10%, you get **58.7959, 0.4347, 0.4183**, and if you desaturate by 10%, it is **69.6969, 0.3876, 0.3905**.

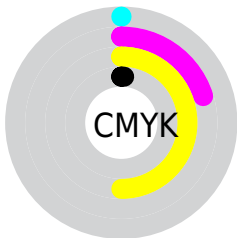
Distribution



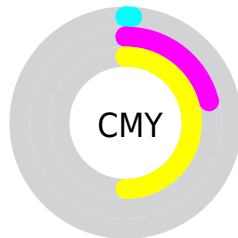
- Red (99%)
- Green (79%)
- Blue (50%)



- Red (84%)
- Yellow (99%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (50%)
- Black (1%)





- Cyan (1%)
- Magenta (21%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0010, 0.4108, 0.4054 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 64.0010, 0.4108, 0.4054 by changing the saturation by 10% instead.


 64.0010, 0.4108,
0.4054

 64.0010, 0.4108,
0.4054


439.1933, 0.3652,
0.3715

 46.6515, 0.4209,
0.4125


 110.6124, 0.3952,
0.3941

 32.7602, 0.4331,
0.4207


 140.6430, 0.3890,
0.3896

 21.9428, 0.4480,
0.4303


 175.6695, 0.3837,
0.3856

 13.8149, 0.4662,
0.4412

216.0762, 0.3790,
0.3821

 7.9920, 0.4883,
0.4526

262.2476, 0.3750,
0.3790

 4.0899, 0.5267,
0.4733

314.5679, 0.3713,

 1.7240, 0.5393,

0.3762

0.4607

373.4217, 0.3681,
0.3737

0.4391, 0.5947,
0.4053

0.0000, 0.0000,
0.0000

64.0010, 0.4108,
0.4054

64.0010, 0.4108,
0.4054

58.7959, 0.4347,
0.4183

69.6969, 0.3876,
0.3905

54.0536, 0.4584,
0.4281

75.8915, 0.3659,
0.3747

49.7566, 0.4805,
0.4335

82.6041, 0.3460,
0.3587

45.8812, 0.4997,
0.4336

89.8498, 0.3281,
0.3432

■ 42.3940, 0.5155,
0.4286

■ 97.6429, 0.3121,
0.3284

■ 42.2587, 0.5161,
0.4284

■ 99.4290, 0.3108,
0.3290

Harmonies

Analogous

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



64.0010, 0.4248, 0.3655



64.0010, 0.4108, 0.4054



64.0010, 0.3703, 0.4295

Triad

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



64.0010, 0.4108, 0.4054



64.0010, 0.2270, 0.3260



64.0010, 0.3009, 0.2534

Complementary

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



64.0010, 0.4108, 0.4054



43.3622, 0.2298, 0.2359

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.



64.0010, 0.2516, 0.2408



64.0010, 0.4108, 0.4054



64.0010, 0.2121, 0.2769

Square

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



64.0010, 0.4108, 0.4054



64.0010, 0.2641, 0.3829



64.0010, 0.2207, 0.2479



64.0010, 0.3582, 0.2821

Rectangle

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



64.0010, 0.4108, 0.4054



64.0010, 0.3349, 0.4294



64.0010, 0.2207, 0.2479



64.0010, 0.2828, 0.2472

Sweetspot

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



64.0041, 0.4108, 0.4054



88.2272, 0.3375, 0.3515



39.1281, 0.3926, 0.2750



18.5518, 0.3414, 0.3548



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.



64.0041, 0.4108, 0.4054



60.1915, 0.4358, 0.4189



89.9298, 0.3783, 0.4530



18.9345, 0.3279, 0.3430



22.3170, 0.5141, 0.4300



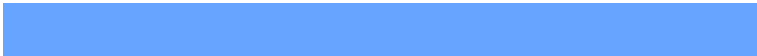
2.2753, 0.4997, 0.4415

Inverse Universe

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



43.3622, 0.2298, 0.2359



36.7319, 0.2127, 0.2119



27.5617, 0.2241, 0.1738



17.8050, 0.2979, 0.3146



8.9598, 0.1690, 0.1283



1.0323, 0.1755, 0.1517

Previews

White Background



This preview shows how the Yxy color 64.0010, 0.4108, 0.4054 looks on a white background.

Color Contrast Check

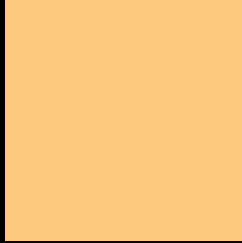
Large Text (above 18pt) WCAG AA × Fail

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 64.0010, 0.4108, 0.4054 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 64.0010, 0.4108, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 64.0010, 0.4108, 0.4054.



This preview shows how white text looks on a background with the Yxy color 64.0010, 0.4108, 0.4054.

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

64.0010, 0.4108, 0.4054

Protanopia

64.3629, 0.3852, 0.4175

Deuteranopia

63.9117, 0.4130, 0.4039



Tritanopia

63.8562, 0.3533, 0.3157

Trichromacy



Original Color

64.0010, 0.4108, 0.4054

Protanomaly

64.2152, 0.3939, 0.4133

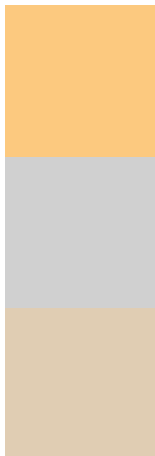
Deuteranomaly

63.7235, 0.4122, 0.4042

Tritanomaly

63.7250, 0.3755, 0.3491

Monochromacy



Original Color

64.0010, 0.4108, 0.4054

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7646, 0.3468, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0010, 0.4108, 0.4054 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(252, 201, 127)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 127)  
}
```

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(252, 201, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 127) }
```

Border

The CSS property to change the border of an element to Yxy 64.0010, 0.4108, 0.4054 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(252, 201, 127) }
```

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

```
.border{ border-color:rgb(252, 201, 127) }
```

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

Here you see how a box with a 4 pixel rgb(252, 201, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 127);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0010, 0.4108, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 127) }
```

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

```
.background{ background-color: rgb(252,  
201, 127) }
```

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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