

Converting Colors

$Y_{xy}(114.7385, 0.5140, 0.3641)$

Have a look what the booklet for
Yxy(114.7385, 0.5140, 0.3641)
contains.

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Color

Yxy(65.8653, 0.4028, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	FFCB8C
RGB	255, 203, 140
RGB Percent	100%, 80%, 55%
CMY	0.0000, 0.2039, 0.4510
CMYK	0.00, 0.20, 0.45, 0.00
HSL	33°, 100%, 77%
HSV	33°, 45%, 100%
XYZ	67.3364, 65.8653, 33.9691
YIQ	211.3660, 51.2150, -8.5690

Conversions

Conversions Part 2

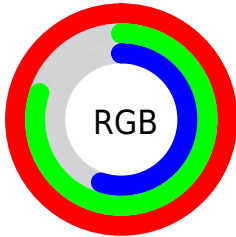
Format	Color
R _Y B	235, 255, 140
Decimal	16763788
CIE Lab	84.93, 10.70, 38.37
CIE LCh	85, 39.832, 74.419
Yxy	65.8653, 0.4028, 0.3940
Android (android.graphics.Color)	4294953868 (0xFFFFCB8C)
YUV	211.3660, -35.1834, 38.2670
Hunter-Lab	81.1574, 6.0761, 31.9939

Details

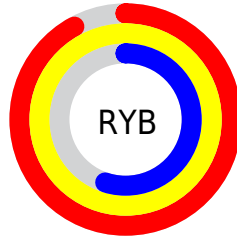
The Yxy color **65.8653, 0.4028, 0.3940** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.4892, 0.2385, 0.2524**, and the grayscale version is **65.6044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **33.9519, 0.4234, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **59.9513, 0.4279, 0.4070**, and if you desaturate by 10%, it is **72.3542, 0.3791, 0.3796**.

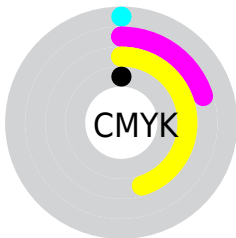
Distribution



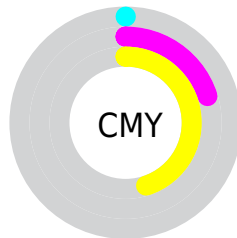
- Red (100%)
- Green (80%)
- Blue (55%)



- Red (92%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8653, 0.4028, 0.3940 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 65.8653, 0.4028, 0.3940 by changing the saturation by 10% instead.


 65.8653, 0.4028,
0.3940

 65.8653, 0.4028,
0.3940


445.8950, 0.3608,
0.3651


 48.1631, 0.4123,
0.4001

 113.2930, 0.3883,
0.3844

 33.9560, 0.4238,
0.4072


 143.7872, 0.3826,
0.3805

 22.8598, 0.4380,
0.4157


 179.3142, 0.3777,
0.3771

 14.4900, 0.4559,
0.4255

220.2584, 0.3734,
0.3741

 8.4623, 0.4786,
0.4366

267.0042, 0.3697,
0.3715

 4.3921, 0.5138,
0.4530

319.9360, 0.3664,

 1.8953, 0.5451,

0.3691

0.4549

379.4381, 0.3634,
0.3670

0.5455, 0.5883,
0.4117

0.0000, 0.0000,
0.0000

65.8653, 0.4028,
0.3940

65.8653, 0.4028,
0.3940

59.9513, 0.4279,
0.4070

72.3542, 0.3791,
0.3796

54.5978, 0.4537,
0.4174

79.4441, 0.3574,
0.3647

49.7799, 0.4788,
0.4239

87.1513, 0.3380,
0.3500

45.4720, 0.5017,
0.4254

95.4930, 0.3207,
0.3359

■ 41.6446, 0.5210, 100.0000, 0.3127,
0.4214 0.3290

■ 39.9288, 0.5293,
0.4179

Harmonies

Analogous

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



65.8653, 0.4113, 0.3579



65.8653, 0.4028, 0.3940



65.8653, 0.3695, 0.4166

Triad

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



65.8653, 0.4028, 0.3940



65.8653, 0.2394, 0.3328



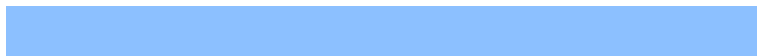
65.8653, 0.2967, 0.2591

Complementary

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



65.8653, 0.4028, 0.3940



50.4892, 0.2385, 0.2524

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.



65.8653, 0.2541, 0.2499



65.8653, 0.4028, 0.3940



65.8653, 0.2232, 0.2877

Square

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



65.8653, 0.4028, 0.3940



65.8653, 0.2749, 0.3816



65.8653, 0.2284, 0.2590



65.8653, 0.3473, 0.2835

Rectangle

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



65.8653, 0.4028, 0.3940



65.8653, 0.3389, 0.4181



65.8653, 0.2284, 0.2590



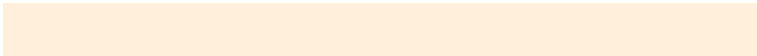
65.8653, 0.2810, 0.2541

Sweetspot

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



65.8631, 0.4028, 0.3940



88.0402, 0.3360, 0.3484



43.8919, 0.3762, 0.2737



18.4737, 0.3399, 0.3516



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.



65.8631, 0.4028, 0.3940



60.5758, 0.4251, 0.4057



93.9532, 0.3772, 0.4411



19.6367, 0.3280, 0.3420



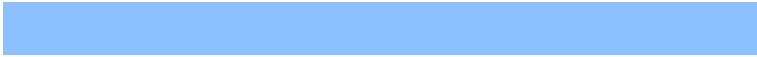
21.1663, 0.5270, 0.4197



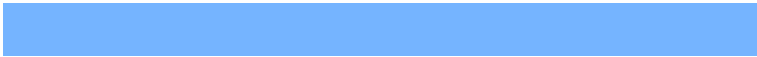
2.2793, 0.5114, 0.4322

Inverse Universe

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



50.4892, 0.2385, 0.2524



43.4885, 0.2240, 0.2339



31.8853, 0.2295, 0.1881



18.7304, 0.2979, 0.3156



10.5042, 0.1727, 0.1418



1.2375, 0.1787, 0.1634

Previews

White Background



This preview shows how the Yxy color 65.8653, 0.4028, 0.3940 looks on a white background.

Color Contrast Check

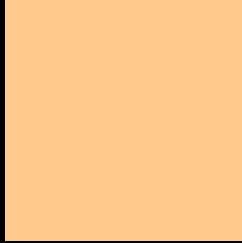
Large Text (above 18pt) WCAG AA × Fail

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 65.8653, 0.4028, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

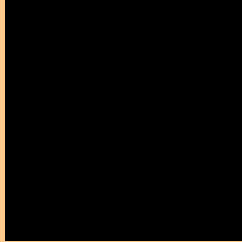
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8653, 0.4028, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 65.8653, 0.4028, 0.3940.



This preview shows how white text looks on a background with the Yxy color 65.8653, 0.4028, 0.3940.

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

65.8653, 0.4028, 0.3940

Protanopia

65.9236, 0.3755, 0.4044

Deuteranopia

65.8653, 0.4028, 0.3940



Tritanopia

65.8456, 0.3493, 0.3158

Trichromacy



Original Color

65.8653, 0.4028, 0.3940

Protanomaly

65.9348, 0.3848, 0.4004

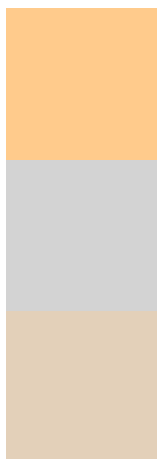
Deuteranomaly

65.8653, 0.4028, 0.3940

Tritanomaly

65.6096, 0.3689, 0.3437

Monochromacy



Original Color

65.8653, 0.4028, 0.3940

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9454, 0.3441, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8653, 0.4028, 0.3940 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, 203, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 140)  
}
```

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, 203, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 140) }
```

Border

The CSS property to change the border of an element to Yxy 65.8653, 0.4028, 0.3940 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, 203, 140) }
```

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

```
.border{ border-color:rgb(255, 203, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 203, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8653, 0.4028, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 140) }
```

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

```
.background{ background-color: rgb(255,  
203, 140) }
```

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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