

Converting Colors

$Y_{xy}(72.0653, 0.4560, 0.3609)$

Have a look what the booklet for
Yxy(72.0653, 0.4560, 0.3609)
contains.

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Color

Yxy(58.0645, 0.4058, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	FFB993
RGB	255, 185, 147
RGB Percent	100%, 73%, 58%
CMY	0.0000, 0.2745, 0.4236
CMYK	0.00, 0.27, 0.42, 0.00
HSL	21°, 100%, 79%
HSV	21°, 42%, 100%
XYZ	63.8552, 58.0645, 35.4367
YIQ	201.5980, 53.9180, 3.0220

Conversions

Conversions Part 2

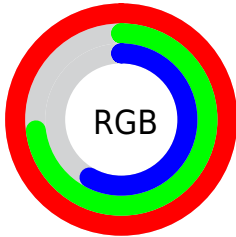
Format	Color
R_{YB}	255, 206, 147
Decimal	16759187
CIE _{Lab}	80.77, 20.78, 29.28
CIE _{LCh}	81, 35.907, 54.635
Yxy	58.0645, 0.4058, 0.3690
Android (android.graphics.Color)	4294949267 (0xFFFFB993)
YUV	201.5980, -26.9168, 46.8336
Hunter-Lab	76.2001, 16.2319, 25.7674

Details

The Yxy color **58.0645, 0.4058, 0.3690** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.0330, 0.2475, 0.2842**, and the grayscale version is **58.9448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3876, 0.3475, 0.3690**, and **29.0828, 0.4294, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **50.8363, 0.4369, 0.3777**, and if you desaturate by 10%, it is **66.2776, 0.3782, 0.3594**.

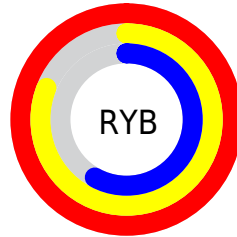
Distribution



Red (100%)

Green (73%)

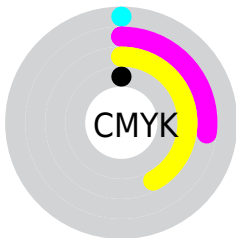
Blue (58%)



Red (100%)

Yellow (81%)

Blue (58%)

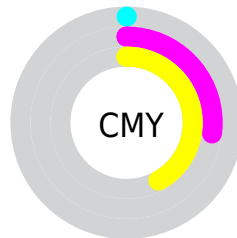


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0645, 0.4058, 0.3690 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 58.0645, 0.4058, 0.3690 by changing the saturation by 10% instead.


 58.0645, 0.4058,
0.3690


 58.0645, 0.4058,
0.3690


417.4262, 0.3608,
0.3516

 41.8605, 0.4164,
0.3725

 102.0168, 0.3899,
0.3633

 28.9921, 0.4297,
0.3766


 130.5339, 0.3837,
0.3610

 19.0748, 0.4467,
0.3812


163.9241, 0.3785,
0.3589

 11.7244, 0.4689,
0.3863

202.5718, 0.3740,
0.3571

 6.5563, 0.4989,
0.3911

246.8615, 0.3701,
0.3555

 3.1862, 0.5461,
0.3970

297.1776, 0.3666,

 1.2297, 0.6097,

0.3541

0.3903

353.9043, 0.3635,
0.3528

0.0858, 0.8729,
0.1271

0.0000, 0.0000,
0.0000

58.0645, 0.4058,
0.3690

58.0645, 0.4058,
0.3690

50.8363, 0.4369,
0.3777

66.2776, 0.3782,
0.3594

44.5477, 0.4708,
0.3844

75.5064, 0.3543,
0.3496

39.1584, 0.5059,
0.3878

85.7876, 0.3338,
0.3401

34.6224, 0.5394,
0.3867

97.1544, 0.3164,
0.3310

■ 30.8884, 0.5683,
0.3804

100.0000, 0.3127,
0.3290

■ 28.5334, 0.5862,
0.3727

Harmonies

Analogous

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



58.0645, 0.3955, 0.3319



58.0645, 0.4058, 0.3690



58.0645, 0.3892, 0.3997

Triad

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



58.0645, 0.4058, 0.3690



58.0645, 0.2641, 0.3635



58.0645, 0.2697, 0.2553

Complementary

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



58.0645, 0.4058, 0.3690



63.0330, 0.2475, 0.2842

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.



58.0645, 0.2393, 0.2579



58.0645, 0.4058, 0.3690



58.0645, 0.2361, 0.3171

Square

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



58.0645, 0.4058, 0.3690



58.0645, 0.3063, 0.4009



58.0645, 0.2275, 0.2790



58.0645, 0.3137, 0.2693

Rectangle

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



58.0645, 0.4058, 0.3690



58.0645, 0.3661, 0.4115



58.0645, 0.2275, 0.2790



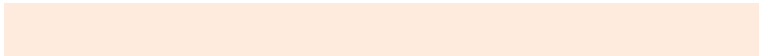
58.0645, 0.2577, 0.2542

Sweetspot

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



58.0665, 0.4058, 0.3690



85.0985, 0.3350, 0.3407



47.1408, 0.3512, 0.2578



17.7124, 0.3393, 0.3427



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.



58.0665, 0.4058, 0.3690



51.7641, 0.4325, 0.3766



84.9801, 0.3823, 0.4202



19.0330, 0.3285, 0.3374



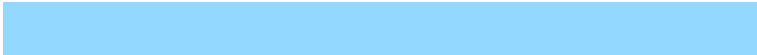
15.1620, 0.5832, 0.3751



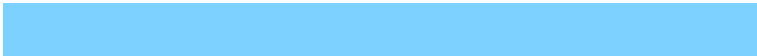
1.6725, 0.5615, 0.3924

Inverse Universe

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



63.0330, 0.2475, 0.2842



57.2842, 0.2354, 0.2732



39.6804, 0.2363, 0.2170



19.3421, 0.2980, 0.3204



18.1688, 0.1914, 0.2092



1.9746, 0.1957, 0.2244

Previews

White Background



This preview shows how the Yxy color 58.0645, 0.4058, 0.3690 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 58.0645, 0.4058, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

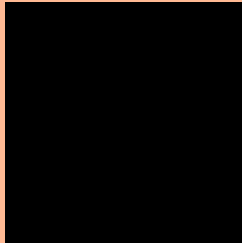
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0645, 0.4058, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 58.0645, 0.4058, 0.3690.



This preview shows how white text looks on a background with the Yxy color 58.0645, 0.4058, 0.3690.

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

58.0645, 0.4058, 0.3690

Protanopia

58.5535, 0.3595, 0.3845

Deuteranopia

57.9517, 0.3888, 0.3800



Tritanopia

58.1580, 0.3669, 0.3166

Trichromacy



Original Color

58.0645, 0.4058, 0.3690

Protanomaly

58.0876, 0.3767, 0.3790

Deuteranomaly

57.7036, 0.3953, 0.3758

Tritanomaly

57.8505, 0.3816, 0.3355

Monochromacy



Original Color

58.0645, 0.4058, 0.3690

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2294, 0.3439, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0645, 0.4058, 0.3690 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, 185, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 147)  
}
```

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, 185, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 147) }
```

Border

The CSS property to change the border of an element to Yxy 58.0645, 0.4058, 0.3690 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, 185, 147) }
```

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

```
.border{ border-color:rgb(255, 185, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0645, 0.4058, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 147) }
```

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

```
.background{ background-color: rgb(255,  
185, 147) }
```

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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