

Converting Colors

Yxy(56.9127, 0.4065, 0.3653)

Have a look what the booklet for
Yxy(56.9127, 0.4065, 0.3653)
contains.

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Color

Yxy(56.8540, 0.4063, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	FFB694
RGB	255, 182, 148
RGB Percent	100%, 71%, 58%
CMY	0.0001, 0.2862, 0.4197
CMYK	0.00, 0.29, 0.42, 0.00
HSL	19°, 100%, 79%
HSV	19°, 42%, 100%
XYZ	63.3044, 56.8540, 35.6487
YIQ	199.9510, 54.4220, 4.9020

Conversions

Conversions Part 2

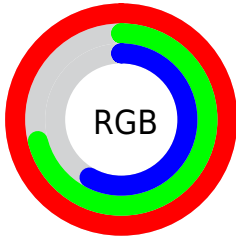
Format	Color
R _Y B	255, 198, 148
Decimal	16758420
CIE Lab	80.10, 22.44, 27.84
CIE LCh	80, 35.757, 51.132
Yxy	56.8540, 0.4063, 0.3649
Android (android.graphics.Color)	4294948500 (0xFFFFB694)
YUV	199.9510, -25.6118, 48.2780
Hunter-Lab	75.4016, 17.9093, 24.7498

Details

The Yxy color **56.8540, 0.4063, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1927, 0.2488, 0.2891**, and the grayscale version is **57.8633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6733, 0.3474, 0.3651**, and **28.2993, 0.4306, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **49.4506, 0.4384, 0.3728**, and if you desaturate by 10%, it is **65.3248, 0.3781, 0.3562**.

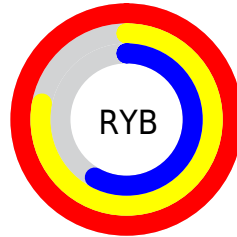
Distribution



Red (100%)

Green (71%)

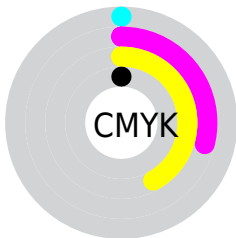
Blue (58%)



Red (100%)

Yellow (78%)

Blue (58%)

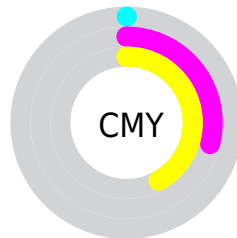


Cyan (0%)

Magenta (29%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8540, 0.4063, 0.3649 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 56.8540, 0.4063, 0.3649 by changing the saturation by 10% instead.


 56.8540, 0.4063,
0.3649

 56.8540, 0.4063,
0.3649


412.9020, 0.3608,
0.3494

 40.8880, 0.4171,
0.3680


 100.2521, 0.3901,
0.3599

 28.2316, 0.4307,
0.3715


 128.4531, 0.3839,
0.3578

 18.5003, 0.4480,
0.3755


161.5011, 0.3787,
0.3560

 11.3098, 0.4710,
0.3797

199.7807, 0.3741,
0.3544

 6.2756, 0.5022,
0.3833

243.6762, 0.3701,
0.3529

 3.0134, 0.5515,
0.3873

293.5720, 0.3666,

 1.1387, 0.6212,

0.3516

0.3788

349.8524, 0.3635,
0.3505

0.0108, 0.9810,
0.0190

0.0000, 0.0000,
0.0000

56.8540, 0.4063,
0.3649

56.8540, 0.4063,
0.3649

49.4506, 0.4384,
0.3728

65.3248, 0.3781,
0.3562

43.0624, 0.4737,
0.3787

74.8962, 0.3538,
0.3473

37.6447, 0.5104,
0.3816

85.6099, 0.3332,
0.3387

33.1457, 0.5456,
0.3802

97.5030, 0.3158,
0.3305

■ 29.5077, 0.5758,
0.3737

99.9944, 0.3127,
0.3290

■ 27.1559, 0.5950,
0.3657

Harmonies

Analogous

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



56.8540, 0.3927, 0.3275



56.8540, 0.4063, 0.3649



56.8540, 0.3926, 0.3970

Triad

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



56.8540, 0.4063, 0.3649



56.8540, 0.2683, 0.3688



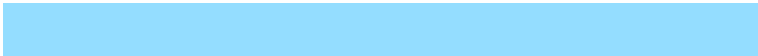
56.8540, 0.2652, 0.2545

Complementary

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



56.8540, 0.4063, 0.3649



65.1927, 0.2488, 0.2891

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.



56.8540, 0.2367, 0.2592



56.8540, 0.4063, 0.3649



56.8540, 0.2382, 0.3224

Square

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



56.8540, 0.4063, 0.3649



56.8540, 0.3117, 0.4040



56.8540, 0.2272, 0.2825



56.8540, 0.3081, 0.2667

Rectangle

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



56.8540, 0.4063, 0.3649



56.8540, 0.3708, 0.4103



56.8540, 0.2272, 0.2825



56.8540, 0.2537, 0.2541

Sweetspot

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



56.8568, 0.4063, 0.3649



84.4621, 0.3352, 0.3396



47.6558, 0.3474, 0.2551



17.5564, 0.3395, 0.3414



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.



56.8568, 0.4063, 0.3649



50.8329, 0.4318, 0.3713



83.0136, 0.3831, 0.4163



18.9301, 0.3286, 0.3366



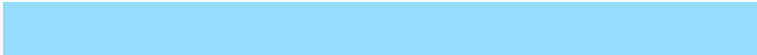
14.4293, 0.5921, 0.3681



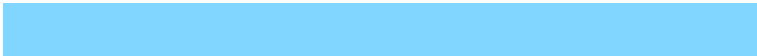
1.5919, 0.5700, 0.3856

Inverse Universe

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



65.1927, 0.2488, 0.2891



60.0865, 0.2378, 0.2799



41.3712, 0.2378, 0.2227



19.4496, 0.2980, 0.3213



19.8471, 0.1948, 0.2214



2.1294, 0.1986, 0.2351

Previews

White Background



This preview shows how the Yxy color 56.8540, 0.4063, 0.3649 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 56.8540, 0.4063, 0.3649 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 56.8540, 0.4063, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 56.8540, 0.4063, 0.3649.



This preview shows how white text looks on a background with the Yxy color 56.8540, 0.4063, 0.3649.

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

56.8540, 0.4063, 0.3649

Protanopia

57.2442, 0.3560, 0.3804

Deuteranopia

56.9991, 0.3866, 0.3795



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.8540, 0.4063, 0.3649

Protanomaly

56.9338, 0.3741, 0.3749

Deuteranomaly

56.9503, 0.3932, 0.3740

Tritanomaly

56.5953, 0.3835, 0.3334

Monochromacy



Original Color

56.8540, 0.4063, 0.3649

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6918, 0.3444, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8540, 0.4063, 0.3649 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, 182, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 148)  
}
```

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, 182, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 148) }
```

Border

The CSS property to change the border of an element to Yxy 56.8540, 0.4063, 0.3649 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, 182, 148) }
```

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

```
.border{ border-color:rgb(255, 182, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8540, 0.4063, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 148) }
```

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

```
.background{ background-color: rgb(255,  
182, 148) }
```

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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