

Converting Colors

Yxy(57.5100, 0.4057, 0.3666)

Have a look what the booklet for
Yxy(57.5100, 0.4057, 0.3666)
contains.

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Color

Yxy(57.6791, 0.4054, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	FFB894
RGB	255, 184, 148
RGB Percent	100%, 72%, 58%
CMY	0.0000, 0.2784, 0.4196
CMYK	0.00, 0.28, 0.42, 0.00
HSL	20°, 100%, 79%
HSV	20°, 42%, 100%
XYZ	63.7316, 57.6791, 35.7959
YIQ	201.1250, 53.8720, 3.8560

Conversions

Conversions Part 2

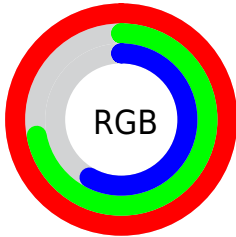
Format	Color
R_{YB}	255, 202, 148
Decimal	16758932
CIE _{Lab}	80.56, 21.42, 28.45
CIE _{LCh}	81, 35.613, 53.016
Yxy	57.6791, 0.4054, 0.3669
Android (android.graphics.Color)	4294949012 (0xFFFFB894)
YUV	201.1250, -26.1906, 47.2484
Hunter-Lab	75.9468, 16.8834, 25.2176

Details

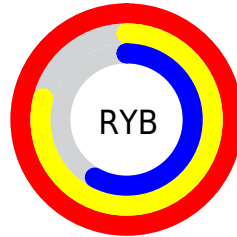
The Yxy color **57.6791, 0.4054, 0.3669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.1884, 0.2484, 0.2867**, and the grayscale version is **58.6297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8444, 0.3470, 0.3670**, and **28.8314, 0.4291, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **50.3425, 0.4369, 0.3752**, and if you desaturate by 10%, it is **66.0333, 0.3776, 0.3577**.

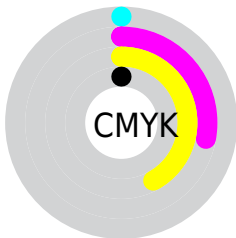
Distribution



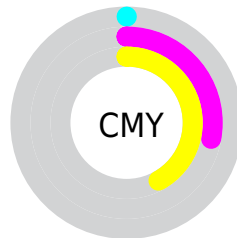
- Red (100%)
- Green (72%)
- Blue (58%)



- Red (100%)
- Yellow (79%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6791, 0.4054, 0.3669 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 57.6791, 0.4054, 0.3669 by changing the saturation by 10% instead.

 57.6791, 0.4054,
0.3669


 57.6791, 0.4054,
0.3669


415.9891, 0.3605,
0.3505

 41.5507, 0.4160,
0.3702


 101.4554, 0.3895,
0.3615

 28.7497, 0.4293,
0.3740


 129.8721, 0.3834,
0.3593

 18.8915, 0.4464,
0.3784


163.1537, 0.3782,
0.3574

 11.5919, 0.4688,
0.3831

201.6846, 0.3737,
0.3557

 6.4665, 0.4991,
0.3874

245.8492, 0.3697,
0.3542

 3.1307, 0.5465,
0.3922

296.0319, 0.3663,

 1.2004, 0.6139,

0.3528

0.3861

352.6171, 0.3632,
0.3516

0.0620, 0.9037,
0.0963

0.0000, 0.0000,
0.0000

57.6791, 0.4054,
0.3669

57.6791, 0.4054,
0.3669

50.3425, 0.4369,
0.3752

66.0333, 0.3776,
0.3577

43.9842, 0.4714,
0.3816

75.4460, 0.3536,
0.3483

38.5590, 0.5072,
0.3849

85.9531, 0.3331,
0.3392

34.0184, 0.5416,
0.3837

97.5895, 0.3158,
0.3306

■ 30.3084, 0.5712,
0.3775

100.0000, 0.3127,
0.3290

■ 27.8785, 0.5904,
0.3694

Harmonies

Analogous

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



57.6791, 0.3937, 0.3299



57.6791, 0.4054, 0.3669



57.6791, 0.3902, 0.3980

Triad

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



57.6791, 0.4054, 0.3669



57.6791, 0.2663, 0.3657



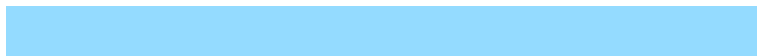
57.6791, 0.2679, 0.2554

Complementary

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



57.6791, 0.4054, 0.3669



64.1884, 0.2484, 0.2867

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.



57.6791, 0.2386, 0.2590



57.6791, 0.4054, 0.3669



57.6791, 0.2375, 0.3196

Square

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



57.6791, 0.4054, 0.3669



57.6791, 0.3088, 0.4018



57.6791, 0.2279, 0.2810



57.6791, 0.3112, 0.2685

Rectangle

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



57.6791, 0.4054, 0.3669



57.6791, 0.3680, 0.4104



57.6791, 0.2279, 0.2810



57.6791, 0.2562, 0.2546

Sweetspot

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



57.6784, 0.4054, 0.3669



84.8036, 0.3351, 0.3401



47.5762, 0.3490, 0.2568



17.6401, 0.3394, 0.3421



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.



57.6784, 0.4054, 0.3669



51.6989, 0.4305, 0.3737



84.0647, 0.3823, 0.4179



18.9854, 0.3286, 0.3371



14.8124, 0.5874, 0.3718



1.6343, 0.5655, 0.3892

Inverse Universe

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



64.1884, 0.2484, 0.2867



58.9157, 0.2372, 0.2770



40.7330, 0.2375, 0.2205



19.3918, 0.2980, 0.3208



18.9319, 0.1930, 0.2148



2.0452, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 57.6791, 0.4054, 0.3669 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 57.6791, 0.4054, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

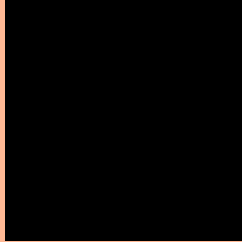
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6791, 0.4054, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 57.6791, 0.4054, 0.3669.



This preview shows how white text looks on a background with the Yxy color 57.6791, 0.4054, 0.3669.

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

57.6791, 0.4054, 0.3669

Protanopia

57.9713, 0.3582, 0.3824

Deuteranopia

57.7791, 0.3880, 0.3802



Tritanopia

57.7083, 0.3680, 0.3166

Trichromacy



Original Color

57.6791, 0.4054, 0.3669

Protanomaly

57.5086, 0.3754, 0.3769

Deuteranomaly

57.7349, 0.3945, 0.3748

Tritanomaly

57.4423, 0.3820, 0.3345

Monochromacy



Original Color

57.6791, 0.4054, 0.3669

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7798, 0.3441, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6791, 0.4054, 0.3669 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, 184, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 148) }
```

Border

The CSS property to change the border of an element to Yxy 57.6791, 0.4054, 0.3669 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, 184, 148) }
```

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

```
.border{ border-color:rgb(255, 184, 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, 184, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6791, 0.4054, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 148) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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