

Converting Colors

$Y_{xy}(79.1361, 0.4731, 0.3558)$

Have a look what the booklet for
Yxy(79.1361, 0.4731, 0.3558)
contains.

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Color

Yxy(57.7109, 0.4045, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	FFB895
RGB	255, 184, 149
RGB Percent	100%, 72%, 58%
CMY	0.0001, 0.2784, 0.4157
CMYK	0.00, 0.28, 0.42, 0.00
HSL	20°, 100%, 79%
HSV	20°, 42%, 100%
XYZ	63.7990, 57.7109, 36.2132
YIQ	201.2390, 53.5510, 4.1670

Conversions

Conversions Part 2

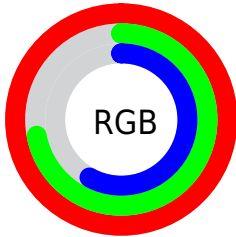
Format	Color
R_{YB}	255, 201, 149
Decimal	16758933
CIE _{Lab}	80.58, 21.50, 27.94
CIE _{LCh}	81, 35.260, 52.423
Yxy	57.7109, 0.4045, 0.3659
Android (android.graphics.Color)	4294949013 (0xFFFFB895)
YUV	201.2390, -25.7538, 47.1484
Hunter-Lab	75.9677, 16.9640, 24.9143

Details

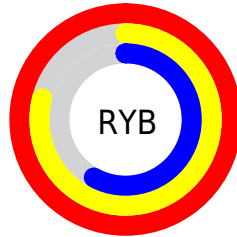
The Yxy color **57.7109, 0.4045, 0.3659** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.7773, 0.2491, 0.2880**, and the grayscale version is **58.7041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8920, 0.3464, 0.3660**, and **28.8502, 0.4279, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **50.3150, 0.4361, 0.3741**, and if you desaturate by 10%, it is **66.1468, 0.3767, 0.3568**.

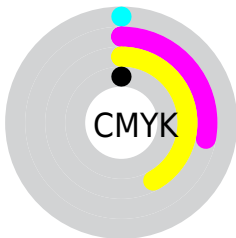
Distribution



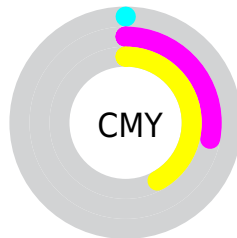
- Red (100%)
- Green (72%)
- Blue (58%)



- 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 57.7109, 0.4045, 0.3659 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 57.7109, 0.4045, 0.3659 by changing the saturation by 10% instead.


 57.7109, 0.4045,
0.3659


 57.7109, 0.4045,
0.3659


416.1078, 0.3600,
0.3499

 41.5763, 0.4151,
0.3691

 101.5017, 0.3887,
0.3607

 28.7696, 0.4282,
0.3728


 129.9268, 0.3827,
0.3585

 18.9066, 0.4451,
0.3771


163.2173, 0.3775,
0.3567

 11.6028, 0.4674,
0.3816

201.7579, 0.3730,
0.3550

 6.4739, 0.4977,
0.3859

245.9328, 0.3692,
0.3535

 3.1353, 0.5442,
0.3902

296.1265, 0.3657,

 1.2028, 0.6143,

0.3522

352.7234, 0.3627,
0.3510

0.3857

0.0640, 0.9015,
0.0985

0.0000, 0.0000,
0.0000

57.7109, 0.4045,
0.3659

57.7109, 0.4045,
0.3659

50.3150, 0.4361,
0.3741

66.1468, 0.3767,
0.3568

43.9086, 0.4707,
0.3805

75.6539, 0.3528,
0.3476

38.4493, 0.5068,
0.3838

86.2722, 0.3324,
0.3387

33.8876, 0.5416,
0.3827

98.0373, 0.3152,
0.3303

■ 30.1687, 0.5717,
0.3766

99.9953, 0.3127,
0.3290

■ 27.6330, 0.5919,
0.3682

Harmonies

Analogous

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



57.7109, 0.3923, 0.3292



57.7109, 0.4045, 0.3659



57.7109, 0.3900, 0.3969

Triad

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



57.7109, 0.4045, 0.3659



57.7109, 0.2675, 0.3662



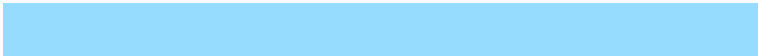
57.7109, 0.2676, 0.2559

Complementary

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



57.7109, 0.4045, 0.3659



64.7773, 0.2491, 0.2880

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.



57.7109, 0.2389, 0.2599



57.7109, 0.4045, 0.3659



57.7109, 0.2386, 0.3206

Square

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



57.7109, 0.4045, 0.3659



57.7109, 0.3098, 0.4015



57.7109, 0.2287, 0.2821



57.7109, 0.3103, 0.2686

Rectangle

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



57.7109, 0.4045, 0.3659



57.7109, 0.3682, 0.4094



57.7109, 0.2287, 0.2821



57.7109, 0.2562, 0.2553

Sweetspot

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



57.7137, 0.4045, 0.3659



85.7998, 0.3332, 0.3391



47.9956, 0.3469, 0.2558



18.0553, 0.3357, 0.3402



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.



57.7137, 0.4045, 0.3659



51.4137, 0.4309, 0.3729



83.1564, 0.3824, 0.4155



18.9673, 0.3286, 0.3369



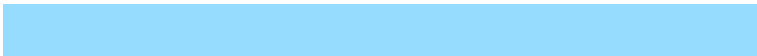
14.6843, 0.5889, 0.3706



1.6202, 0.5670, 0.3880

Inverse Universe

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



64.7773, 0.2491, 0.2880



59.2971, 0.2374, 0.2780



41.7751, 0.2386, 0.2239



19.4107, 0.2980, 0.3210



19.2280, 0.1936, 0.2169



2.0725, 0.1976, 0.2312

Previews

White Background



This preview shows how the Yxy color 57.7109, 0.4045, 0.3659 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 57.7109, 0.4045, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

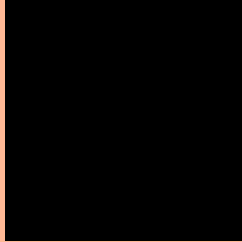
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7109, 0.4045, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 57.7109, 0.4045, 0.3659.



This preview shows how white text looks on a background with the Yxy color 57.7109, 0.4045, 0.3659.

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

57.7109, 0.4045, 0.3659

Protanopia

57.8550, 0.3566, 0.3813

Deuteranopia

57.8104, 0.3871, 0.3791



Tritanopia

57.7083, 0.3680, 0.3166

Trichromacy



Original Color

57.7109, 0.4045, 0.3659

Protanomaly

57.3775, 0.3737, 0.3760

Deuteranomaly

57.7664, 0.3937, 0.3737

Tritanomaly

57.4423, 0.3820, 0.3345

Monochromacy



Original Color

57.7109, 0.4045, 0.3659

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 57.7109, 0.4045, 0.3659 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 149) }
```

Border

The CSS property to change the border of an element to Yxy 57.7109, 0.4045, 0.3659 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, 149) }
```

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

```
.border{ border-color:rgb(255, 184, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7109, 0.4045, 0.3659 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
184, 149) }
```

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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