

Converting Colors

$Y_{xy}(56.8920, 0.4033, 0.3715)$

Have a look what the booklet for
Yxy(56.8920, 0.4033, 0.3715)
contains.

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Color

Yxy(57.0663, 0.4032, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	FAB991
RGB	250, 185, 145
RGB Percent	98%, 73%, 57%
CMY	0.0196, 0.2745, 0.4314
CMYK	0.00, 0.26, 0.42, 0.02
HSL	23°, 91%, 77%
HSV	23°, 42%, 98%
XYZ	61.8858, 57.0663, 34.5345
YIQ	199.8750, 51.5800, 1.3400

Conversions

Conversions Part 2

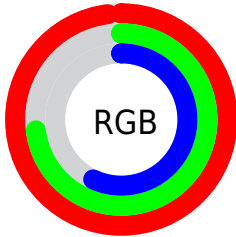
Format	Color
R _Y B	250, 210, 145
Decimal	16431505
CIE Lab	80.22, 18.64, 29.50
CIE LCh	80, 34.892, 57.714
Yxy	57.0663, 0.4032, 0.3718
Android (android.graphics.Color)	4294621585 (0xFF FAB991)
YUV	199.8750, -27.0534, 43.9596
Hunter-Lab	75.5422, 14.0320, 25.7749

Details

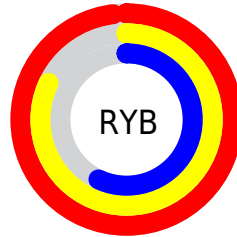
The Yxy color **57.0663, 0.4032, 0.3718** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.0100, 0.2474, 0.2809**, and the grayscale version is **57.8250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2941, 0.3488, 0.3710**, and **28.3870, 0.4260, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **50.2546, 0.4332, 0.3813**, and if you desaturate by 10%, it is **64.7579, 0.3764, 0.3614**.

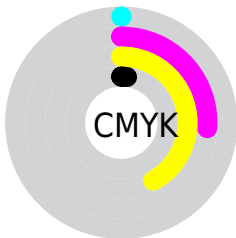
Distribution



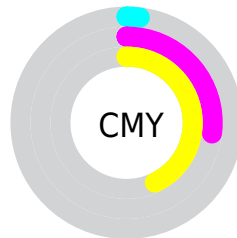
- Red (98%)
- Green (73%)
- Blue (57%)



- Red (98%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0663, 0.4032, 0.3718 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 57.0663, 0.4032, 0.3718 by changing the saturation by 10% instead.


 57.0663, 0.4032,
0.3718


 57.0663, 0.4032,
0.3718


413.6977, 0.3593,
0.3529

 41.0585, 0.4136,
0.3757


 100.5619, 0.3877,
0.3655

 28.3648, 0.4265,
0.3803


 128.8185, 0.3817,
0.3630

 18.6008, 0.4431,
0.3856


161.9268, 0.3766,
0.3608

 11.3822, 0.4649,
0.3916

200.2712, 0.3722,
0.3588

 6.3245, 0.4942,
0.3976

244.2361, 0.3684,
0.3571

 3.0434, 0.5428,
0.4071

294.2059, 0.3650,

 1.1544, 0.6004,

0.3555

0.3996

350.5649, 0.3620,
0.3542

0.0240, 0.9522,
0.0478

0.0000, 0.0000,
0.0000

57.0663, 0.4032,
0.3718

57.0663, 0.4032,
0.3718

50.2546, 0.4332,
0.3813

64.7579, 0.3764,
0.3614

44.2808, 0.4658,
0.3887

73.3529, 0.3531,
0.3509

39.1115, 0.4994,
0.3929

82.8838, 0.3330,
0.3406

34.7071, 0.5316,
0.3926

93.3793, 0.3158,
0.3309

■ 31.0235, 0.5597,
0.3869

■ 99.0658, 0.3096,
0.3290

■ 28.5577, 0.5781,
0.3792

Harmonies

Analogous

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



57.0663, 0.3958, 0.3357



57.0663, 0.4032, 0.3718



57.0663, 0.3846, 0.4005

Triad

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



57.0663, 0.4032, 0.3718



57.0663, 0.2616, 0.3582



57.0663, 0.2746, 0.2575

Complementary

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



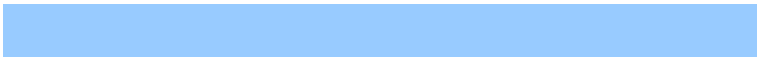
57.0663, 0.4032, 0.3718



59.0100, 0.2474, 0.2809

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.



57.0663, 0.2431, 0.2584



57.0663, 0.4032, 0.3718



57.0663, 0.2359, 0.3131

Square

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



57.0663, 0.4032, 0.3718



57.0663, 0.3019, 0.3963



57.0663, 0.2296, 0.2772



57.0663, 0.3186, 0.2727

Rectangle

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



57.0663, 0.4032, 0.3718



57.0663, 0.3610, 0.4105



57.0663, 0.2296, 0.2772



57.0663, 0.2623, 0.2559

Sweetspot

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



57.0690, 0.4032, 0.3718



85.6460, 0.3349, 0.3416



45.3003, 0.3524, 0.2601



17.8467, 0.3391, 0.3438



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.



57.0690, 0.4032, 0.3718



53.8884, 0.4271, 0.3795



82.3643, 0.3810, 0.4210



18.3092, 0.3284, 0.3381



15.4025, 0.5752, 0.3815



1.6240, 0.5529, 0.3992

Inverse Universe

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



59.0100, 0.2474, 0.2809



56.1145, 0.2358, 0.2698



37.7134, 0.2367, 0.2160



18.4325, 0.2980, 0.3197



16.3367, 0.1886, 0.1989



1.7177, 0.1934, 0.2161

Previews

White Background



This preview shows how the Yxy color 57.0663, 0.4032, 0.3718 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 57.0663, 0.4032, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

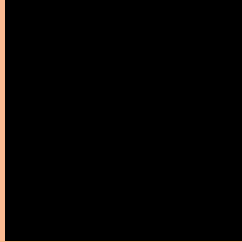
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0663, 0.4032, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 57.0663, 0.4032, 0.3718.



This preview shows how white text looks on a background with the Yxy color 57.0663, 0.4032, 0.3718.

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

57.0663, 0.4032, 0.3718

Protanopia

57.2273, 0.3607, 0.3862

Deuteranopia

57.1081, 0.3891, 0.3815



Tritanopia

57.1168, 0.3674, 0.3155

Trichromacy



Original Color

57.0663, 0.4032, 0.3718

Protanomaly

56.9223, 0.3752, 0.3808

Deuteranomaly

57.1096, 0.3944, 0.3785

Tritanomaly

57.0255, 0.3811, 0.3356

Monochromacy



Original Color

57.0663, 0.4032, 0.3718

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2309, 0.3431, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0663, 0.4032, 0.3718 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(250, 185, 145)` looks like.

```
.text, #text, p{  
    color:rgb(250, 185, 145)  
}
```

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(250, 185, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 185, 145) }
```

Border

The CSS property to change the border of an element to Yxy 57.0663, 0.4032, 0.3718 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(250, 185, 145) }
```

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

```
.border{ border-color:rgb(250, 185, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 185, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 185, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 185, 145);  
box-shadow:4px 4px 4px 4px rgb(250, 185,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0663, 0.4032, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 185, 145) }
```

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

```
.background{ background-color: rgb(250,  
185, 145) }
```

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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