

Converting Colors

Yxy(57.1469, 0.4319, 0.4004)

Have a look what the booklet for
Yxy(57.1469, 0.4319, 0.4004)
contains.

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Color

Yxy(57.1957, 0.4317, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	FFB973
RGB	255, 185, 115
RGB Percent	100%, 73%, 45%
CMY	0.0000, 0.2745, 0.5491
CMYK	0.00, 0.27, 0.55, 0.00
HSL	30°, 100%, 73%
HSV	30°, 55%, 100%
XYZ	61.6822, 57.1957, 24.0042
YIQ	197.9500, 64.1900, -6.9300

Conversions

Conversions Part 2

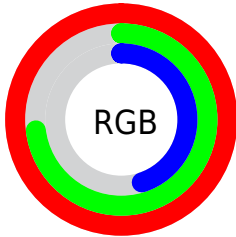
Format	Color
R _Y B	255, 255, 115
Decimal	16759155
CIE Lab	80.29, 17.85, 45.20
CIE LCh	80, 48.593, 68.450
Yxy	57.1957, 0.4317, 0.4003
Android (android.graphics.Color)	4294949235 (0xFFFFB973)
YUV	197.9500, -40.8943, 50.0329
Hunter-Lab	75.6278, 13.2362, 34.1209

Details

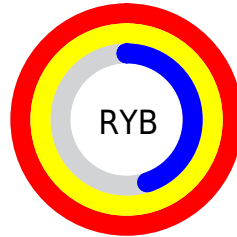
The Yxy color **57.1957, 0.4317, 0.4003** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5519, 0.2245, 0.2408**, and the grayscale version is **56.6650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9977, 0.3686, 0.4020**, and **28.4863, 0.4594, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **51.5937, 0.4595, 0.4097**, and if you desaturate by 10%, it is **63.4438, 0.4049, 0.3884**.

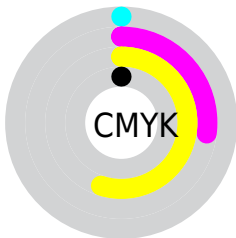
Distribution



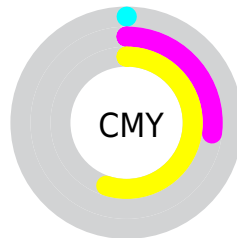
- Red (100%)
- Green (73%)
- Blue (45%)



- Red (100%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1957, 0.4317, 0.4003 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 57.1957, 0.4317, 0.4003 by changing the saturation by 10% instead.


 57.1957, 0.4317,
0.4003


 57.1957, 0.4317,
0.4003


414.1822, 0.3752,
0.3695


 41.1624, 0.4445,
0.4063


 100.7507, 0.4121,
0.3904

 28.4460, 0.4599,
0.4129


 129.0411, 0.4044,
0.3863

 18.6621, 0.4789,
0.4201


 162.1861, 0.3979,
0.3826

 11.4264, 0.5021,
0.4270

200.5699, 0.3921,
0.3794

 6.3544, 0.5329,
0.4336

244.5771, 0.3871,
0.3765

 3.0618, 0.5679,
0.4321

294.5919, 0.3827,

 1.1641, 0.5958,

0.3740

0.4042

350.9988, 0.3787,
0.3716

0.0321, 0.9357,
0.0643

0.0000, 0.0000,
0.0000

57.1957, 0.4317,
0.4003

57.1957, 0.4317,
0.4003

51.5937, 0.4595,
0.4097

63.4438, 0.4049,
0.3884

46.6032, 0.4870,
0.4153

70.3539, 0.3801,
0.3751

42.1979, 0.5124,
0.4159

77.9513, 0.3578,
0.3615

38.3444, 0.5340,
0.4108

86.2574, 0.3379,
0.3480

36.5749, 0.5436,
0.4066

95.2923, 0.3204,
0.3351

99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



57.1957, 0.4366, 0.3530



57.1957, 0.4317, 0.4003



57.1957, 0.3935, 0.4362

Triad

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



57.1957, 0.4317, 0.4003



57.1957, 0.2271, 0.3457



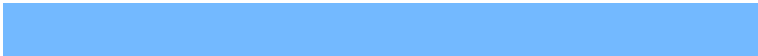
57.1957, 0.2797, 0.2383

Complementary

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



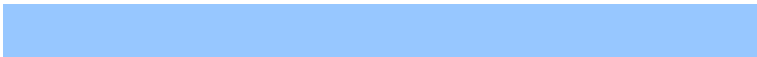
57.1957, 0.4317, 0.4003



45.5519, 0.2245, 0.2408

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.



57.1957, 0.2308, 0.2307



57.1957, 0.4317, 0.4003



57.1957, 0.2029, 0.2849

Square

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



57.1957, 0.4317, 0.4003



57.1957, 0.2749, 0.4087



57.1957, 0.2044, 0.2454



57.1957, 0.3433, 0.2649

Rectangle

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



57.1957, 0.4317, 0.4003



57.1957, 0.3562, 0.4452



57.1957, 0.2044, 0.2454



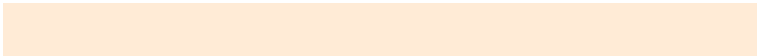
57.1957, 0.2612, 0.2335

Sweetspot

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



57.1985, 0.4317, 0.4003



85.3158, 0.3399, 0.3494



37.0206, 0.3919, 0.2585



17.8860, 0.3439, 0.3522



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.



57.1985, 0.4317, 0.4003



51.0197, 0.4626, 0.4105



94.0153, 0.3921, 0.4603



19.4881, 0.3282, 0.3409



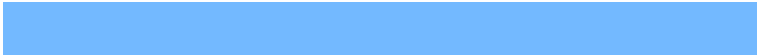
19.4103, 0.5410, 0.4086



2.1083, 0.5234, 0.4226

Inverse Universe

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



45.5519, 0.2245, 0.2408



38.2938, 0.2087, 0.2190



23.1225, 0.2059, 0.1523



18.8781, 0.2979, 0.3168



12.0661, 0.1770, 0.1573



1.3932, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 57.1957, 0.4317, 0.4003 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 57.1957, 0.4317, 0.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

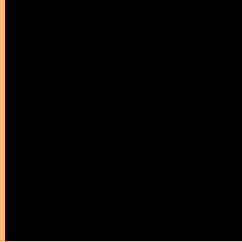
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1957, 0.4317, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 57.1957, 0.4317, 0.4003.



This preview shows how white text looks on a background with the Yxy color 57.1957, 0.4317, 0.4003.

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

57.1957, 0.4317, 0.4003

Protanopia

57.5700, 0.3876, 0.4214

Deuteranopia

57.0965, 0.4191, 0.4097



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.1957, 0.4317, 0.4003

Protanomaly

57.3271, 0.4029, 0.4144

Deuteranomaly

56.9555, 0.4238, 0.4065

Tritanomaly

56.9521, 0.3935, 0.3482

Monochromacy



Original Color

57.1957, 0.4317, 0.4003

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0272, 0.3541, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1957, 0.4317, 0.4003 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 115) }
```

Border

The CSS property to change the border of an element to Yxy 57.1957, 0.4317, 0.4003 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, 115) }
```

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

```
.border{ border-color:rgb(255, 185, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1957, 0.4317, 0.4003 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, 115) }
```

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

```
.background{ background-color: rgb(255,  
185, 115) }
```

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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