

Converting Colors

Yxy(58.5490, 0.4257, 0.4116)

Have a look what the booklet for
Yxy(58.5490, 0.4257, 0.4116)
contains.

Yxy(58.5490, 0.4257, 0.4116)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.5490, 0.4257, 0.4116)

Conversions

Conversions Part 1

Format	Color
Hex	F9BF6F
RGB	249, 191, 111
RGB Percent	98%, 75%, 44%
CMY	0.0237, 0.2509, 0.5648
CMYK	0.00, 0.23, 0.55, 0.02
HSL	35°, 92%, 71%
HSV	35°, 55%, 98%
XYZ	60.5547, 58.5490, 23.1436
YIQ	199.2220, 60.2480, -12.5840

Conversions

Conversions Part 2

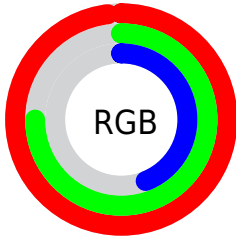
Format	Color
R_{YB}	211, 249, 111
Decimal	16367471
CIE _{Lab}	81.04, 11.95, 47.96
CIE _{LCh}	81, 49.423, 76.012
Yxy	58.5490, 0.4257, 0.4116
Android (android.graphics.Color)	4294557551 (0xFFFF9BF6F)
YUV	199.2220, -43.4934, 43.6553
Hunter-Lab	76.5173, 7.3570, 35.6291

Details

The Yxy color **58.5490, 0.4257, 0.4116** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.5601, 0.2206, 0.2250**, and the grayscale version is **57.4996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4619, 0.3692, 0.4113**, and **29.3220, 0.4508, 0.4279** is the 20% darker color. If you saturate the color by 10%, you get **53.6792, 0.4501, 0.4226**, and if you desaturate by 10%, it is **63.9027, 0.4016, 0.3980**.

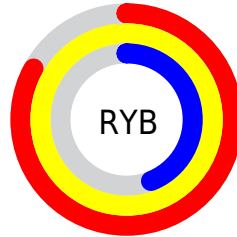
Distribution



Red (98%)

Green (75%)

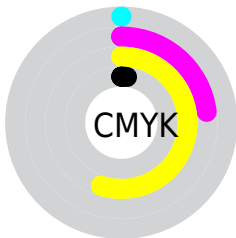
Blue (44%)



Red (83%)

Yellow (98%)

Blue (44%)

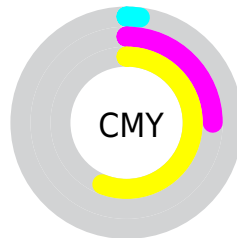


Cyan (0%)

Magenta (23%)

Yellow (55%)

Black (2%)



Cyan (2%)


Magenta (25%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5490, 0.4257, 0.4116 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 58.5490, 0.4257, 0.4116 by changing the saturation by 10% instead.


 58.5490, 0.4257,
0.4116


 58.5490, 0.4257,
0.4116


419.2285, 0.3727,
0.3752


 42.2502, 0.4374,
0.4189

 102.7219, 0.4075,
0.3997

 29.2972, 0.4515,
0.4272


 131.3648, 0.4004,
0.3948

 19.3058, 0.4684,
0.4364


 164.8911, 0.3942,
0.3905

 11.8914, 0.4887,
0.4460

 203.6853, 0.3888,
0.3867

 6.6698, 0.5161,
0.4573

248.1317, 0.3840,
0.3834

 3.2565, 0.5413,
0.4587

298.6148, 0.3798,

 1.2670, 0.5602,

0.3804

0.4398

355.5190, 0.3761,
0.3777

0.1155, 0.7766,
0.2234

0.0000, 0.0000,
0.0000

58.5490, 0.4257,
0.4116

58.5490, 0.4257,
0.4116

53.6792, 0.4501,
0.4226

63.9027, 0.4016,
0.3980

49.2650, 0.4736,
0.4297

69.7499, 0.3787,
0.3829

45.2870, 0.4948,
0.4318

76.1101, 0.3575,
0.3672

41.7193, 0.5124,
0.4285

82.9992, 0.3383,
0.3517

40.2073, 0.5196,
0.4256

90.4321, 0.3212,
0.3368

98.0728, 0.3090,
0.3278

98.8716, 0.3090,
0.3290

Harmonies

Analogous

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



58.5490, 0.4401, 0.3655



58.5490, 0.4257, 0.4116



58.5490, 0.3807, 0.4424

Triad

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



58.5490, 0.4257, 0.4116



58.5490, 0.2178, 0.3290



58.5490, 0.2947, 0.2427

Complementary

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



58.5490, 0.4257, 0.4116



38.5601, 0.2206, 0.2250

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.



58.5490, 0.2405, 0.2298



58.5490, 0.4257, 0.4116



58.5490, 0.2000, 0.2720

Square

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



58.5490, 0.4257, 0.4116



58.5490, 0.2606, 0.3950



58.5490, 0.2079, 0.2386



58.5490, 0.3601, 0.2736

Rectangle

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



58.5490, 0.4257, 0.4116



58.5490, 0.3410, 0.4453



58.5490, 0.2079, 0.2386



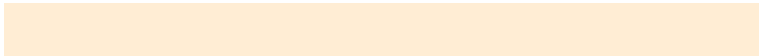
58.5490, 0.2746, 0.2362

Sweetspot

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



58.5518, 0.4257, 0.4116



86.4475, 0.3413, 0.3541



34.4290, 0.4042, 0.2673



18.1843, 0.3450, 0.3572



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.



58.5518, 0.4257, 0.4116



55.8786, 0.4541, 0.4241



87.3544, 0.3861, 0.4646



18.8980, 0.3279, 0.3428



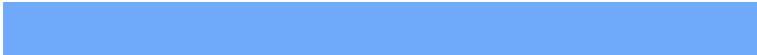
21.8182, 0.5176, 0.4272



2.2304, 0.5026, 0.4391

Inverse Universe

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



38.5601, 0.2206, 0.2250



32.8503, 0.2028, 0.1984



22.2088, 0.2106, 0.1531



17.8407, 0.2979, 0.3149



9.2864, 0.1700, 0.1319



1.0645, 0.1765, 0.1552

Previews

White Background



This preview shows how the Yxy color 58.5490, 0.4257, 0.4116 looks on a white background.

Color Contrast Check

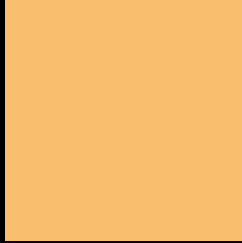
Large Text (above 18pt) WCAG AA × Fail

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 58.5490, 0.4257, 0.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

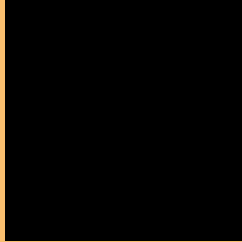
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5490, 0.4257, 0.4116

Background



This preview shows how black text looks on a background with the Yxy color 58.5490, 0.4257, 0.4116.



This preview shows how white text looks on a background with the Yxy color 58.5490, 0.4257, 0.4116.

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

58.5490, 0.4257, 0.4116

Protanopia

58.8510, 0.3926, 0.4276

Deuteranopia

58.4398, 0.4226, 0.4135



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.5490, 0.4257, 0.4116

Protanomaly

58.5920, 0.4041, 0.4214

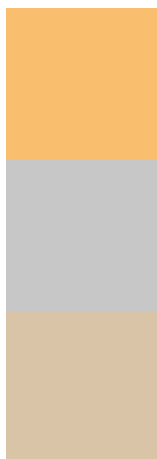
Deuteranomaly

58.6211, 0.4234, 0.4132

Tritanomaly

58.2609, 0.3894, 0.3514

Monochromacy



Original Color

58.5490, 0.4257, 0.4116

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0216, 0.3524, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5490, 0.4257, 0.4116 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(249, 191, 111)` looks like.

```
.text, #text, p{  
    color:rgb(249, 191, 111)  
}
```

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(249, 191, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 191, 111) }
```

Border

The CSS property to change the border of an element to Yxy 58.5490, 0.4257, 0.4116 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(249, 191, 111) }
```

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

```
.border{ border-color:rgb(249, 191, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 191, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 191, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 191, 111);  
box-shadow:4px 4px 4px 4px rgb(249, 191,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5490, 0.4257, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 191, 111) }
```

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

```
.background{ background-color: rgb(249,  
191, 111) }
```

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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