

Converting Colors

$Y_{xy}(38.5205, 0.4531, 0.3485)$

Have a look what the booklet for
Yxy(38.5205, 0.4531, 0.3485)
contains.

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Color

Yxy(38.5092, 0.4531, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	F68876
RGB	246, 136, 118
RGB Percent	96%, 53%, 46%
CMY	0.0353, 0.4667, 0.5372
CMYK	0.00, 0.45, 0.52, 0.04
HSL	8°, 88%, 71%
HSV	8°, 52%, 96%
XYZ	50.0819, 38.5092, 21.9405
YIQ	166.8380, 71.3380, 17.7220

Conversions

Conversions Part 2

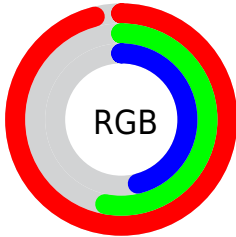
Format	Color
R _Y B	246, 139, 118
Decimal	16156790
CIE Lab	68.39, 40.08, 28.25
CIE LCh	68, 49.037, 35.182
Yxy	38.5092, 0.4531, 0.3484
Android (android.graphics.Color)	4294346870 (0xFFFF68876)
YUV	166.8380, -24.0771, 69.4251
Hunter-Lab	62.0558, 35.4601, 22.4764

Details

The Yxy color **38.5092, 0.4531, 0.3484** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.0065, 0.2411, 0.3069**, and the grayscale version is **38.6561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4239, 0.3838, 0.3512**, and **17.2094, 0.4962, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **32.6205, 0.4956, 0.3505**, and if you desaturate by 10%, it is **45.7291, 0.4152, 0.3451**.

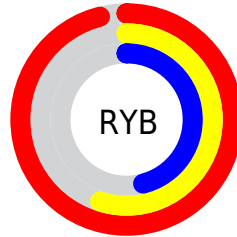
Distribution



Red (96%)

Green (53%)

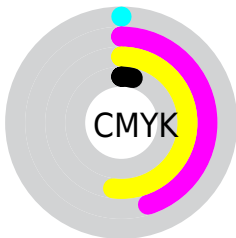
Blue (46%)



Red (96%)

Yellow (55%)

Blue (46%)

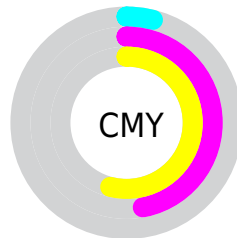


Cyan (0%)

Magenta (45%)

Yellow (52%)

Black (4%)



Cyan (4%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5092, 0.4531, 0.3484 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 38.5092, 0.4531, 0.3484 by changing the saturation by 10% instead.


 38.5092, 0.4531,
0.3484

 38.5092, 0.4531,
0.3484


339.7993, 0.3803,
0.3424


 26.3781, 0.4716,
0.3485


 72.8879, 0.4263,
0.3472

 17.1067, 0.4954,
0.3477


 95.9044, 0.4163,
0.3465

 10.3106, 0.5267,
0.3451


 123.3181, 0.4079,
0.3457

 5.6054, 0.5691,
0.3384

155.5135, 0.4008,
0.3450

 2.6067, 0.6407,
0.3288

192.8749, 0.3946,
0.3443

 0.9300, 0.7146,
0.2854

235.7867, 0.3892,

 0.0000, 1.0000,

0.3436

0.0000

284.6334, 0.3845,
0.3430

■ 0.0000, 0.0000,
0.0000

■ 38.5092, 0.4531,
0.3484

■ 38.5092, 0.4531,
0.3484

■ 32.6205, 0.4956,
0.3505

■ 45.7291, 0.4152,
0.3451

■ 27.9755, 0.5398,
0.3507

■ 54.3488, 0.3829,
0.3412

■ 24.4856, 0.5808,
0.3484


■ 64.4393, 0.3560,
0.3372

■ 22.0474, 0.6126,
0.3434

■ 76.0649, 0.3339,
0.3333

■ 20.7694, 0.6292,
0.3386

■ 89.2863, 0.3159,
0.3297

 98.3331, 0.3072,
0.3290

Harmonies

Analogous

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



38.5092, 0.4104, 0.2959



38.5092, 0.4531, 0.3484



38.5092, 0.4511, 0.4024

Triad

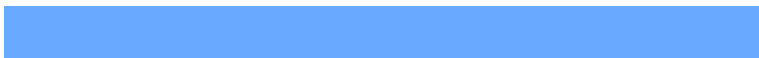
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.5092, 0.4531, 0.3484



38.5092, 0.2756, 0.4289



38.5092, 0.2152, 0.2183

Complementary

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



38.5092, 0.4531, 0.3484



66.0065, 0.2411, 0.3069

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.



38.5092, 0.1890, 0.2368



38.5092, 0.4531, 0.3484



38.5092, 0.2196, 0.3561

Square

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



38.5092, 0.4531, 0.3484



38.5092, 0.3453, 0.4630



38.5092, 0.1900, 0.2838



38.5092, 0.2674, 0.2248

Rectangle

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



38.5092, 0.4531, 0.3484



38.5092, 0.4270, 0.4344



38.5092, 0.1900, 0.2838



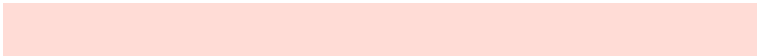
38.5092, 0.2035, 0.2215

Sweetspot

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



38.5112, 0.4531, 0.3484



77.2759, 0.3423, 0.3349



38.2096, 0.3346, 0.2181



15.9837, 0.3468, 0.3357



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.



38.5112, 0.4531, 0.3484



35.3412, 0.4960, 0.3506



61.7839, 0.4133, 0.4138



16.8579, 0.3290, 0.3324



11.2034, 0.6272, 0.3402



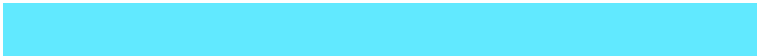
1.0980, 0.6072, 0.3561

Inverse Universe

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



66.0065, 0.2411, 0.3069



67.9145, 0.2314, 0.3019



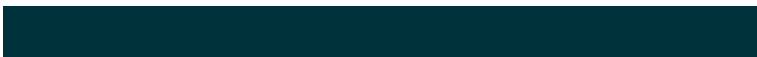
37.3995, 0.2244, 0.2234



18.3376, 0.2981, 0.3256



28.6927, 0.2122, 0.2838



2.6286, 0.2139, 0.2900

Previews

White Background



This preview shows how the Yxy color 38.5092, 0.4531, 0.3484 looks on a white background.

Color Contrast Check

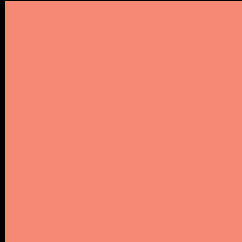
Large Text (above 18pt) WCAG AA × Fail

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 38.5092, 0.4531, 0.3484 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 38.5092, 0.4531, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 38.5092, 0.4531, 0.3484.



This preview shows how white text looks on a background with the Yxy color 38.5092, 0.4531, 0.3484.

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

38.5092, 0.4531, 0.3484

Protanopia

38.7684, 0.3545, 0.3782

Deuteranopia

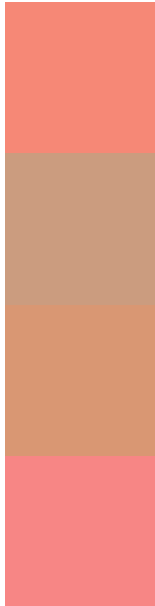
38.6359, 0.3968, 0.3888



Tritanopia

38.6845, 0.4297, 0.3197

Trichromacy



Original Color

38.5092, 0.4531, 0.3484

Protanomaly

38.0057, 0.3893, 0.3667

Deuteranomaly

38.1227, 0.4185, 0.3729

Tritanomaly

38.5178, 0.4385, 0.3304

Monochromacy



Original Color

38.5092, 0.4531, 0.3484

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6826, 0.3599, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5092, 0.4531, 0.3484 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(246, 136, 118)` looks like.

```
.text, #text, p{  
    color:rgb(246, 136, 118)  
}
```

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(246, 136, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 136, 118) }
```

Border

The CSS property to change the border of an element to Yxy 38.5092, 0.4531, 0.3484 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(246, 136, 118) }
```

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

```
.border{ border-color:rgb(246, 136, 118) }
```

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

Here you see how a box with a 4 pixel rgb(246, 136, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 136, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 136, 118);  
box-shadow:4px 4px 4px 4px rgb(246, 136,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5092, 0.4531, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 136, 118) }
```

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

```
.background{ background-color: rgb(246,  
136, 118) }
```

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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