

Converting Colors

$Yxy(38.1077, 0.4667, 0.3526)$

Have a look what the booklet for
Yxy(38.1077, 0.4667, 0.3526)
contains.

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Color

Yxy(38.0406, 0.4665, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	F9856E
RGB	249, 133, 110
RGB Percent	98%, 52%, 43%
CMY	0.0235, 0.4784, 0.5685
CMYK	0.00, 0.47, 0.56, 0.02
HSL	10°, 92%, 70%
HSV	10°, 56%, 98%
XYZ	50.2718, 38.0406, 19.4514
YIQ	165.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

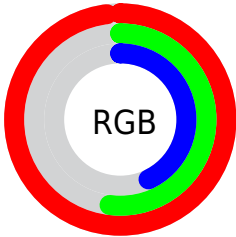
Format	Color
R _Y B	249, 138, 110
Decimal	16352622
CIE Lab	68.05, 42.07, 32.27
CIE LCh	68, 53.024, 37.494
Yxy	38.0406, 0.4665, 0.3530
Android (android.graphics.Color)	4294542702 (0xFFFF9856E)
YUV	165.0620, -27.1456, 73.6136
Hunter-Lab	61.6771, 37.5571, 24.4754

Details

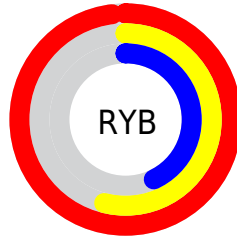
The Yxy color **38.0406, 0.4665, 0.3530** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64.5653, 0.2363, 0.3007**, and the grayscale version is **37.7652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8351, 0.3917, 0.3565**, and **16.7765, 0.5125, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **32.4351, 0.5091, 0.3549**, and if you desaturate by 10%, it is **44.9284, 0.4275, 0.3495**.

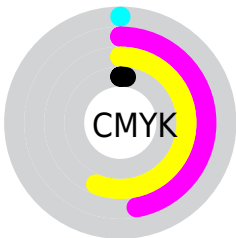
Distribution



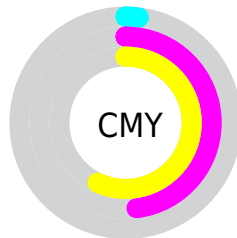
- Red (98%)
- Green (52%)
- Blue (43%)



- Red (98%)
- Yellow (54%)
- Blue (43%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (2%)





- Cyan (2%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0406, 0.4665, 0.3530 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 38.0406, 0.4665, 0.3530 by changing the saturation by 10% instead.


 38.0406, 0.4665,
0.3530


 38.0406, 0.4665,
0.3530


337.7941, 0.3869,
0.3456

 26.0142, 0.4865,
0.3531


 72.1704, 0.4373,
0.3516


 16.8343, 0.5121,
0.3520


 95.0425, 0.4264,
0.3506

 10.1164, 0.5453,
0.3487


 122.2987, 0.4172,
0.3497

 5.4762, 0.5894,
0.3402

 154.3233, 0.4093,
0.3488

 2.5293, 0.6694,
0.3306

191.5008, 0.4026,
0.3479

 0.8913, 0.7253,
0.2747

234.2155, 0.3967,

 0.0000, 1.0000,

0.3471

0.0000

282.8518, 0.3915,
0.3463

0.0000, 0.0000,
0.0000

38.0406, 0.4665,
0.3530

38.0406, 0.4665,
0.3530

32.4351, 0.5091,
0.3549

44.9284, 0.4275,
0.3495

28.0260, 0.5520,
0.3543

53.1654, 0.3937,
0.3451

24.7262, 0.5899,
0.3506

62.8208, 0.3652,
0.3404

22.4335, 0.6175,
0.3441

73.9575, 0.3417,
0.3358

21.7383, 0.6259,
0.3413

86.6345, 0.3223,
0.3314

98.8809, 0.3090,
0.3290

Harmonies

Analogous

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



38.0406, 0.4238, 0.2970



38.0406, 0.4665, 0.3530



38.0406, 0.4597, 0.4106

Triad

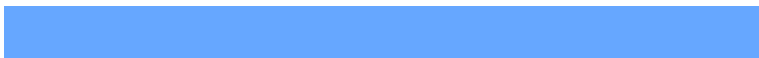
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.0406, 0.4665, 0.3530



38.0406, 0.2664, 0.4334



38.0406, 0.2113, 0.2100

Complementary

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



38.0406, 0.4665, 0.3530



64.5653, 0.2363, 0.3007

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.



38.0406, 0.1814, 0.2269



38.0406, 0.4665, 0.3530



38.0406, 0.2087, 0.3514

Square

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



38.0406, 0.4665, 0.3530



38.0406, 0.3409, 0.4745



38.0406, 0.1800, 0.2742



38.0406, 0.2688, 0.2190

Rectangle

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



38.0406, 0.4665, 0.3530



38.0406, 0.4312, 0.4451



38.0406, 0.1800, 0.2742



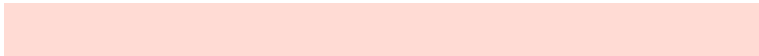
38.0406, 0.1982, 0.2125

Sweetspot

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



38.0426, 0.4665, 0.3530



76.5633, 0.3443, 0.3363



36.9083, 0.3389, 0.2132



15.8624, 0.3487, 0.3373



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.



38.0426, 0.4665, 0.3530



33.5782, 0.5147, 0.3550



62.7440, 0.4205, 0.4213



17.6887, 0.3290, 0.3330



11.7707, 0.6237, 0.3430



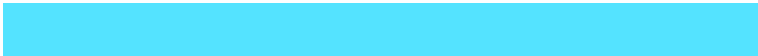
1.2181, 0.6034, 0.3591

Inverse Universe

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



64.5653, 0.2363, 0.3007



63.9158, 0.2260, 0.2940



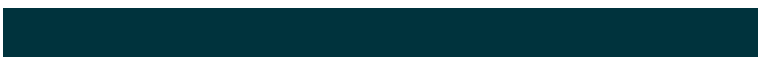
34.8387, 0.2172, 0.2109



19.0913, 0.2980, 0.3250



27.9458, 0.2098, 0.2754



2.7139, 0.2118, 0.2824

Previews

White Background



This preview shows how the Yxy color 38.0406, 0.4665, 0.3530 looks on a white background.

Color Contrast Check

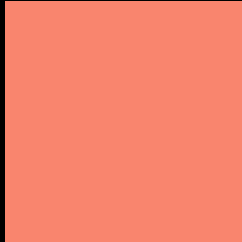
Large Text (above 18pt) WCAG AA × Fail

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 38.0406, 0.4665, 0.3530 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 38.0406, 0.4665, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 38.0406, 0.4665, 0.3530.



This preview shows how white text looks on a background with the Yxy color 38.0406, 0.4665, 0.3530.

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

38.0406, 0.4665, 0.3530

Protanopia

38.1926, 0.3622, 0.3882

Deuteranopia

38.2337, 0.4068, 0.3984



Tritanopia

38.0447, 0.4392, 0.3200

Trichromacy



Original Color

38.0406, 0.4665, 0.3530

Protanomaly

37.2805, 0.3994, 0.3742

Deuteranomaly

37.7797, 0.4281, 0.3808

Tritanomaly

37.8478, 0.4493, 0.3315

Monochromacy



Original Color

38.0406, 0.4665, 0.3530

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5626, 0.3649, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0406, 0.4665, 0.3530 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, 133, 110)` looks like.

```
.text, #text, p{  
    color:rgb(249, 133, 110)  
}
```

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, 133, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 133, 110) }
```

Border

The CSS property to change the border of an element to Yxy 38.0406, 0.4665, 0.3530 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, 133, 110) }
```

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

```
.border{ border-color:rgb(249, 133, 110) }
```

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

Here you see how a box with a 4 pixel rgb(249, 133, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 133, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 133, 110);  
box-shadow:4px 4px 4px 4px rgb(249, 133,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0406, 0.4665, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 133, 110) }
```

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

```
.background{ background-color: rgb(249,  
133, 110) }
```

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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