

Converting Colors

Yxy(61.9114, 0.4781, 0.3619)

Have a look what the booklet for
Yxy(61.9114, 0.4781, 0.3619)
contains.

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Color

Yxy(50.0388, 0.4344, 0.3707)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFA67E |
| RGB | 255, 166, 126 |
| RGB Percent | 100%, 65%, 49% |
| CMY | 0.0001, 0.3490, 0.5059 |
| CMYK | 0.00, 0.35, 0.51, 0.00 |
| HSL | 19°, 100%, 75% |
| HSV | 19°, 51%, 100% |
| XYZ | 58.6373, 50.0388, 26.3085 |
| YIQ | 188.0510, 65.8840, 6.4280 |

Conversions

Conversions Part 2

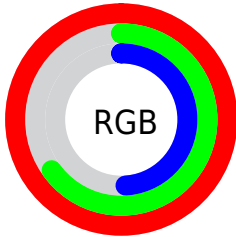
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 184, 126 |
| Decimal | 16754302 |
| CIE _{Lab} | 76.09, 28.69, 34.21 |
| CIE _{LCh} | 76, 44.652, 50.014 |
| Yxy | 50.0388, 0.4344, 0.3707 |
| Android (android.graphics.Color) | 4294944382 (0xFFFFA67E) |
| YUV | 188.0510, -30.5911, 58.7143 |
| Hunter-Lab | 70.7381, 24.1733, 27.4659 |

Details

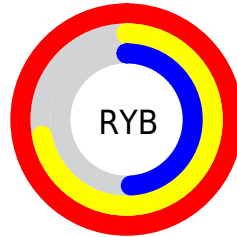
The Yxy color **50.0388, 0.4344, 0.3707** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60.2415, 0.2373, 0.2806**, and the grayscale version is **50.4709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7572, 0.3670, 0.3731**, and **23.9342, 0.4677, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **43.5007, 0.4696, 0.3768**, and if you desaturate by 10%, it is **57.6241, 0.4025, 0.3629**.

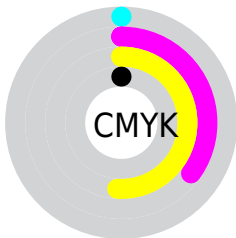
Distribution



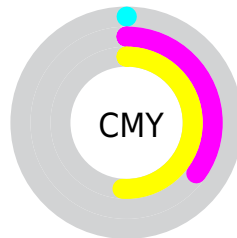
- Red (100%)
- Green (65%)
- Blue (49%)



- Red (100%)
- Yellow (72%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0388, 0.4344, 0.3707 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 50.0388, 0.4344, 0.3707 by changing the saturation by 10% instead.


 50.0388, 0.4344,
0.3707

 50.0388, 0.4344,
0.3707


386.8177, 0.3742,
0.3535


 35.4442, 0.4488,
0.3737


 90.2324, 0.4129,
0.3654

 24.0053, 0.4669,
0.3769


 116.6001, 0.4047,
0.3631

 15.3375, 0.4900,
0.3798


 147.6611, 0.3977,
0.3611

 9.0566, 0.5200,
0.3814

183.7997, 0.3917,
0.3592

 4.7781, 0.5605,
0.3796

225.4002, 0.3865,
0.3576

 2.1177, 0.6259,
0.3741

272.8471, 0.3819,

 0.6745, 0.6821,

0.3561

0.3179

326.5248, 0.3778,
0.3547

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.0388, 0.4344,
0.3707

50.0388, 0.4344,
0.3707

43.5007, 0.4696,
0.3768

57.6241, 0.4025,
0.3629

37.9541, 0.5066,
0.3800

66.2941, 0.3747,
0.3543

33.3489, 0.5426,
0.3791

76.0934, 0.3508,
0.3457

29.6268, 0.5740,
0.3733

87.0617, 0.3306,
0.3373

■ 26.8625, 0.5970,
0.3642

99.2369, 0.3136,
0.3294

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



50.0388, 0.4160, 0.3238



50.0388, 0.4344, 0.3707



50.0388, 0.4164, 0.4134

Triad

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



50.0388, 0.4344, 0.3707



50.0388, 0.2565, 0.3838



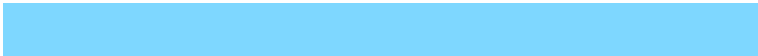
50.0388, 0.2496, 0.2345

Complementary

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



50.0388, 0.4344, 0.3707



60.2415, 0.2373, 0.2806

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.



50.0388, 0.2152, 0.2402



50.0388, 0.4344, 0.3707



50.0388, 0.2183, 0.3211

Square

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



50.0388, 0.4344, 0.3707



50.0388, 0.3121, 0.4303



50.0388, 0.2043, 0.2692



50.0388, 0.3037, 0.2494

Rectangle

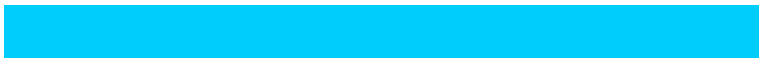
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.0388, 0.4344, 0.3707



50.0388, 0.3882, 0.4334



50.0388, 0.2043, 0.2692



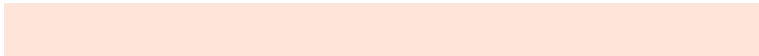
50.0388, 0.2357, 0.2340

Sweetspot

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



50.0413, 0.4344, 0.3707



82.0829, 0.3391, 0.3410



41.1528, 0.3551, 0.2390



17.0767, 0.3434, 0.3427



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.



50.0413, 0.4344, 0.3707



43.2563, 0.4712, 0.3770



78.9047, 0.3991, 0.4309



18.9062, 0.3287, 0.3364



14.2705, 0.5940, 0.3665



1.5741, 0.5720, 0.3840

Inverse Universe

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



60.2415, 0.2373, 0.2806



54.4011, 0.2246, 0.2685



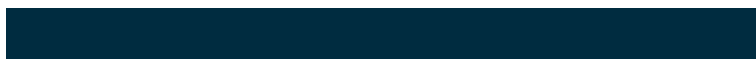
34.0472, 0.2213, 0.1990



19.4748, 0.2980, 0.3215



20.2540, 0.1956, 0.2242



2.1668, 0.1993, 0.2376

Previews

White Background



This preview shows how the Yxy color 50.0388, 0.4344, 0.3707 looks on a white background.

Color Contrast Check

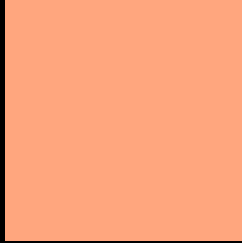
Large Text (above 18pt) WCAG AA × Fail

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 50.0388, 0.4344, 0.3707 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 50.0388, 0.4344, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 50.0388, 0.4344, 0.3707.



This preview shows how white text looks on a background with the Yxy color 50.0388, 0.4344, 0.3707.

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

50.0388, 0.4344, 0.3707

Protanopia

50.2723, 0.3674, 0.3954

Deuteranopia

50.2413, 0.4029, 0.3949



Tritanopia

50.1178, 0.3911, 0.3176

Trichromacy



Original Color

50.0388, 0.4344, 0.3707



Protanomaly

49.6806, 0.3907, 0.3859



Deuteranomaly

50.1197, 0.4148, 0.3858



Tritanomaly

49.8547, 0.4074, 0.3367

Monochromacy



Original Color

50.0388, 0.4344, 0.3707



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

49.3562, 0.3537, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0388, 0.4344, 0.3707 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, 166, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 126)  
}
```

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, 166, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 126) }
```

Border

The CSS property to change the border of an element to Yxy 50.0388, 0.4344, 0.3707 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, 166, 126) }
```

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

```
.border{ border-color:rgb(255, 166, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0388, 0.4344, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 126) }
```

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

```
.background{ background-color: rgb(255,  
166, 126) }
```

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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