

Converting Colors

Yxy(35.5947, 0.4842, 0.3616)

Have a look what the booklet for
Yxy(35.5947, 0.4842, 0.3616)
contains.

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Color

Yxy(35.5978, 0.4841, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	F67F5F
RGB	246, 127, 95
RGB Percent	96%, 50%, 37%
CMY	0.0354, 0.5019, 0.6274
CMYK	0.00, 0.48, 0.61, 0.04
HSL	13°, 89%, 67%
HSV	13°, 61%, 96%
XYZ	47.6573, 35.5978, 15.1901
YIQ	158.9330, 81.1960, 15.2760

Conversions

Conversions Part 2

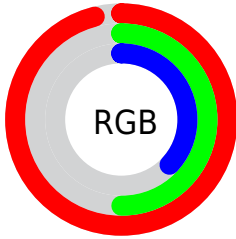
Format	Color
R_{YB}	246, 136, 95
Decimal	16154463
CIE Lab	66.21, 42.86, 38.02
CIE LCh	66, 57.292, 41.570
Yxy	35.5978, 0.4841, 0.3616
Android (android.graphics.Color)	4294344543 (0xFFFF67F5F)
YUV	158.9330, -31.5190, 76.3578
Hunter-Lab	59.6639, 38.1675, 26.6698

Details

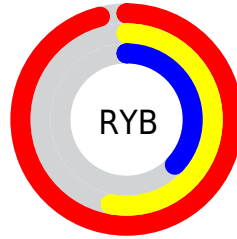
The Yxy color **35.5978, 0.4841, 0.3616** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **57.1721, 0.2288, 0.2882**, and the grayscale version is **34.7607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7912, 0.4081, 0.3669**, and **15.4359, 0.5328, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **30.6853, 0.5255, 0.3628**, and if you desaturate by 10%, it is **41.6186, 0.4447, 0.3579**.

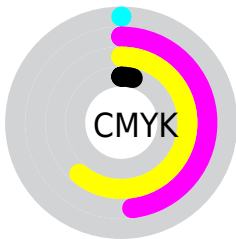
Distribution



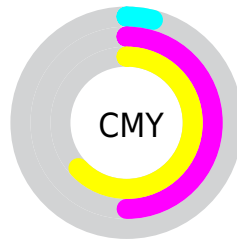
- Red (96%)
- Green (50%)
- Blue (37%)



- Red (96%)
- Yellow (53%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (61%)
- Black (4%)




- Cyan (4%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5978, 0.4841, 0.3616 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 35.5978, 0.4841, 0.3616 by changing the saturation by 10% instead.


 35.5978, 0.4841,
0.3616


 35.5978, 0.4841,
0.3616


327.1992, 0.3951,
0.3513

 24.1237, 0.5063,
0.3617


 68.4108, 0.4515,
0.3596


 15.4254, 0.5342,
0.3602


 90.5186, 0.4393,
0.3583

 9.1185, 0.5700,
0.3554


 116.9397, 0.4290,
0.3570

 4.8186, 0.6189,
0.3452

 148.0585, 0.4203,
0.3557

 2.1412, 0.6806,
0.3194

184.2595, 0.4127,
0.3545

 0.6876, 0.7465,
0.2535

225.9270, 0.4061,

 0.0000, 1.0000,

0.3533

0.0000

273.4454, 0.4003,
0.3523

0.0000, 0.0000,
0.0000

35.5978, 0.4841,
0.3616

35.5978, 0.4841,
0.3616

30.6853, 0.5255,
0.3628

41.6186, 0.4447,
0.3579

26.8060, 0.5650,
0.3606

48.8050, 0.4094,
0.3527

23.8843, 0.5977,
0.3546

57.2170, 0.3791,
0.3469

22.0581, 0.6180,
0.3475

66.9088, 0.3536,
0.3409

77.9314, 0.3324,
0.3351

 90.3328, 0.3149,
0.3297

 98.3297, 0.3072,
0.3290

Harmonies

Analogous

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



35.5978, 0.4447, 0.3010



35.5978, 0.4841, 0.3616



35.5978, 0.4679, 0.4239

Triad

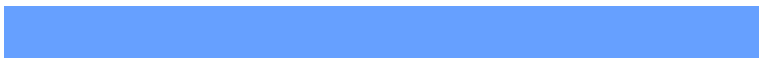
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.5978, 0.4841, 0.3616



35.5978, 0.2508, 0.4349



35.5978, 0.2089, 0.1997

Complementary

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



35.5978, 0.4841, 0.3616



57.1721, 0.2288, 0.2882

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.



35.5978, 0.1730, 0.2130



35.5978, 0.4841, 0.3616



35.5978, 0.1926, 0.3399

Square

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



35.5978, 0.4841, 0.3616



35.5978, 0.3305, 0.4888



35.5978, 0.1670, 0.2586



35.5978, 0.2748, 0.2130

Rectangle

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



35.5978, 0.4841, 0.3616



35.5978, 0.4325, 0.4612



35.5978, 0.1670, 0.2586



35.5978, 0.1935, 0.2009

Sweetspot

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



35.5997, 0.4841, 0.3616



76.4422, 0.3461, 0.3390



32.7247, 0.3503, 0.2105



15.6439, 0.3526, 0.3407



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.



35.5997, 0.4841, 0.3616



32.0263, 0.5368, 0.3626



62.0471, 0.4272, 0.4353



17.0516, 0.3288, 0.3341



11.9391, 0.6155, 0.3495



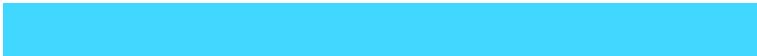
1.1927, 0.5922, 0.3679

Inverse Universe

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



57.1721, 0.2288, 0.2882



56.9912, 0.2178, 0.2782



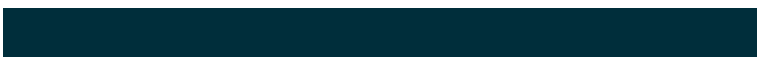
27.9332, 0.2057, 0.1867



18.1266, 0.2980, 0.3239



24.3238, 0.2054, 0.2593



2.2833, 0.2081, 0.2690

Previews

White Background



This preview shows how the Yxy color 35.5978, 0.4841, 0.3616 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 35.5978, 0.4841, 0.3616 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 35.5978, 0.4841, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 35.5978, 0.4841, 0.3616.



This preview shows how white text looks on a background with the Yxy color 35.5978, 0.4841, 0.3616.

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

35.5978, 0.4841, 0.3616

Protanopia

35.6864, 0.3759, 0.4049

Deuteranopia

35.7197, 0.4197, 0.4115



Tritanopia

35.5142, 0.4484, 0.3200

Trichromacy



Original Color

35.5978, 0.4841, 0.3616

Protanomaly

34.8917, 0.4153, 0.3887

Deuteranomaly

35.1663, 0.4441, 0.3912

Tritanomaly

35.4975, 0.4618, 0.3357

Monochromacy



Original Color

35.5978, 0.4841, 0.3616

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7214, 0.3712, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5978, 0.4841, 0.3616 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, 127, 95)` looks like.

```
.text, #text, p{  
    color:rgb(246, 127, 95)  
}
```

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, 127, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 127, 95) }
```

Border

The CSS property to change the border of an element to Yxy 35.5978, 0.4841, 0.3616 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, 127, 95) }
```

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

```
.border{ border-color:rgb(246, 127, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 127, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 127, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 127, 95);  
box-shadow:4px 4px 4px 4px rgb(246, 127,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5978, 0.4841, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 127, 95) }
```

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

```
.background{ background-color: rgb(246,  
127, 95) }
```

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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