

Converting Colors

$Y_{xy}(35.1434, 0.4992, 0.3522)$

Have a look what the booklet for
Yxy(35.1434, 0.4992, 0.3522)
contains.

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Color

Yxy(35.0250, 0.4999, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	FF765E
RGB	255, 118, 94
RGB Percent	100%, 46%, 37%
CMY	0.0000, 0.5372, 0.6312
CMYK	0.00, 0.54, 0.63, 0.00
HSL	9°, 100%, 68%
HSV	9°, 63%, 100%
XYZ	49.7415, 35.0250, 14.7364
YIQ	156.2270, 89.3560, 21.5800

Conversions

Conversions Part 2

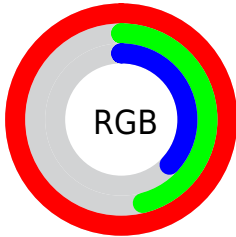
Format	Color
R _Y B	255, 122, 94
Decimal	16741982
CIE Lab	65.77, 50.48, 38.29
CIE LCh	66, 63.363, 37.183
Yxy	35.0250, 0.4999, 0.3520
Android (android.graphics.Color)	4294932062 (0xFFFF765E)
YUV	156.2270, -30.6779, 86.6239
Hunter-Lab	59.1819, 46.4581, 26.6641

Details

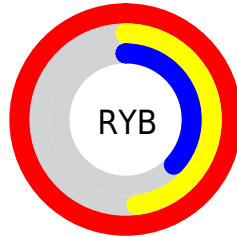
The Yxy color **35.0250, 0.4999, 0.3520** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **66.7718, 0.2300, 0.2997**, and the grayscale version is **33.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1915, 0.4133, 0.3586**, and **15.0785, 0.5538, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **30.1042, 0.5438, 0.3520**, and if you desaturate by 10%, it is **41.2748, 0.4573, 0.3499**.

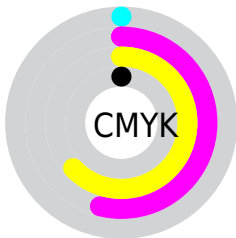
Distribution



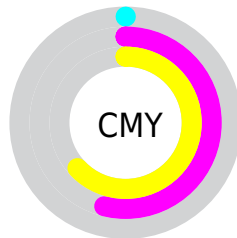
- Red (100%)
- Green (46%)
- Blue (37%)



- Red (100%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (54%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0250, 0.4999, 0.3520 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 35.0250, 0.4999, 0.3520 by changing the saturation by 10% instead.


 35.0250, 0.4999,
0.3520


 35.0250, 0.4999,
0.3520


324.6787, 0.4026,
0.3476


 23.6821, 0.5241,
0.3503


 67.5245, 0.4643,
0.3524

 15.0980, 0.5544,
0.3465


 89.4499, 0.4510,
0.3519

 8.8882, 0.5930,
0.3384


 115.6716, 0.4397,
0.3512

 4.6683, 0.6463,
0.3239

 146.5741, 0.4301,
0.3505

 2.0540, 0.7090,
0.2910

182.5416, 0.4218,
0.3498

 0.6386, 0.7816,
0.2184

223.9586, 0.4146,

 0.0000, 1.0000,

0.3490

0.0000

271.2095, 0.4083,
0.3483

■ 0.0000, 0.0000,
0.0000

■ 35.0250, 0.4999,
0.3520

■ 35.0250, 0.4999,
0.3520

■ 30.1042, 0.5438,
0.3520

■ 41.2748, 0.4573,
0.3499

■ 26.4121, 0.5839,
0.3492

■ 48.9379, 0.4189,
0.3465

■ 23.8385, 0.6144,
0.3437

■ 58.0954, 0.3861,
0.3424

■ 22.6442, 0.6283,
0.3393

■ 68.8209, 0.3587,
0.3382

■ 81.1836, 0.3362,
0.3341

 95.2481, 0.3178,
0.3302

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



35.0250, 0.4481, 0.2881



35.0250, 0.4999, 0.3520



35.0250, 0.4884, 0.4198

Triad

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



35.0250, 0.4999, 0.3520



35.0250, 0.2549, 0.4619



35.0250, 0.1914, 0.1884

Complementary

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



35.0250, 0.4999, 0.3520



66.7718, 0.2300, 0.2997

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.



35.0250, 0.1579, 0.2064



35.0250, 0.4999, 0.3520



35.0250, 0.1876, 0.3559

Square

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



35.0250, 0.4999, 0.3520



35.0250, 0.3432, 0.5099



35.0250, 0.1558, 0.2606



35.0250, 0.2579, 0.1991

Rectangle

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



35.0250, 0.4999, 0.3520



35.0250, 0.4522, 0.4634



35.0250, 0.1558, 0.2606



35.0250, 0.1767, 0.1909

Sweetspot

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



35.0260, 0.4999, 0.3520



73.7168, 0.3489, 0.3365



35.1855, 0.3404, 0.1995



15.0452, 0.3556, 0.3377



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.



35.0260, 0.4999, 0.3520



28.9208, 0.5560, 0.3515



61.5393, 0.4384, 0.4283



18.4234, 0.3291, 0.3326



11.9621, 0.6263, 0.3409



1.2877, 0.6078, 0.3556

Inverse Universe

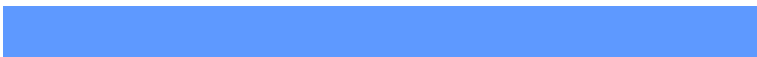
The Inverse Universe completely reimagines the original color for something new.



66.7718, 0.2300, 0.2997



62.6896, 0.2205, 0.2928



32.4021, 0.2058, 0.1957



19.9933, 0.2980, 0.3254



29.8867, 0.2114, 0.2809



3.0297, 0.2130, 0.2869

Previews

White Background



This preview shows how the Yxy color 35.0250, 0.4999, 0.3520 looks on a white background.

Color Contrast Check

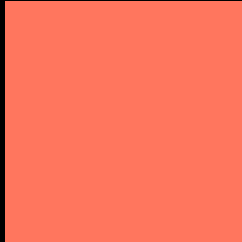
Large Text (above 18pt) WCAG AA × Fail

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 35.0250, 0.4999, 0.3520 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 35.0250, 0.4999, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 35.0250, 0.4999, 0.3520.



This preview shows how white text looks on a background with the Yxy color 35.0250, 0.4999, 0.3520.

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

35.0250, 0.4999, 0.3520

Protanopia

35.1516, 0.3724, 0.4013

Deuteranopia

35.2063, 0.4221, 0.4142



Tritanopia

34.9515, 0.4687, 0.3215

Trichromacy



Original Color

35.0250, 0.4999, 0.3520

Protanomaly

33.9468, 0.4191, 0.3819

Deuteranomaly

34.2461, 0.4513, 0.3880

Tritanomaly

34.9206, 0.4813, 0.3334

Monochromacy



Original Color

35.0250, 0.4999, 0.3520

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2459, 0.3775, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0250, 0.4999, 0.3520 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, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 94)  
}
```

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, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 94) }
```

Border

The CSS property to change the border of an element to Yxy 35.0250, 0.4999, 0.3520 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, 118, 94) }
```

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

```
.border{ border-color:rgb(255, 118, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0250, 0.4999, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 94) }
```

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

```
.background{ background-color: rgb(255,  
118, 94) }
```

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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