

Converting Colors

$Y_{xy}(34.8341, 0.4950, 0.3459)$

Have a look what the booklet for
Yxy(34.8341, 0.4950, 0.3459)
contains.

Yxy(34.8834, 0.4953, 0.3466)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.8834, 0.4953, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	FF7563
RGB	255, 117, 99
RGB Percent	100%, 46%, 39%
CMY	0.0001, 0.5411, 0.6117
CMYK	0.00, 0.54, 0.61, 0.00
HSL	7°, 100%, 69%
HSV	7°, 61%, 100%
XYZ	49.8492, 34.8834, 15.9119
YIQ	156.2100, 88.0260, 23.6580

Conversions

Conversions Part 2

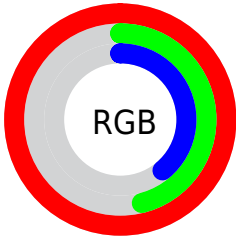
Format	Color
R_{YB}	255, 119, 99
Decimal	16741731
CIE _{Lab}	65.66, 51.25, 35.44
CIE _{LCh}	66, 62.311, 34.668
Yxy	34.8834, 0.4953, 0.3466
Android (android.graphics.Color)	4294931811 (0xFFFF7563)
YUV	156.2100, -28.2045, 86.6388
Hunter-Lab	59.0622, 47.2975, 25.3702

Details

The Yxy color **34.8834, 0.4953, 0.3466** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **70.4231, 0.2332, 0.3072**, and the grayscale version is **33.4465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9671, 0.4092, 0.3524**, and **15.0094, 0.5483, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **29.8334, 0.5405, 0.3468**, and if you desaturate by 10%, it is **41.3570, 0.4521, 0.3448**.

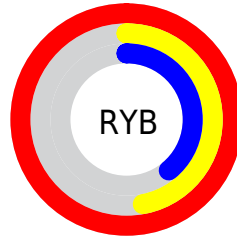
Distribution



Red (100%)

Green (46%)

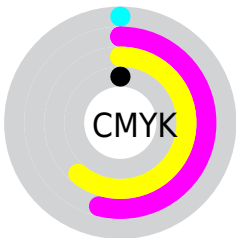
Blue (39%)



Red (100%)

Yellow (47%)

Blue (39%)

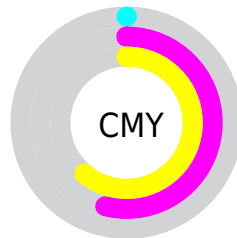


Cyan (0%)

Magenta (54%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8834, 0.4953, 0.3466 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 34.8834, 0.4953, 0.3466 by changing the saturation by 10% instead.

 34.8834, 0.4953,
0.3466


 34.8834, 0.4953,
0.3466


324.0534, 0.4000,
0.3443

 23.5731, 0.5192,
0.3447


 67.3051, 0.4603,
0.3475

 15.0172, 0.5495,
0.3406


 89.1853, 0.4472,
0.3474

 8.8315, 0.5884,
0.3326


 115.3575, 0.4362,
0.3470

 4.6314, 0.6406,
0.3173

 146.2062, 0.4268,
0.3465

 2.0327, 0.7121,
0.2879

182.1157, 0.4187,
0.3459

 0.6264, 0.7859,
0.2141

223.4705, 0.4117,


 0.0000, 1.0000,


0.3454


0.0000


270.6549, 0.4055,
0.3448

 0.0000, 0.0000,
0.0000


 34.8834, 0.4953,
0.3466


 34.8834, 0.4953,
0.3466

 29.8334, 0.5405,
0.3468


 41.3570, 0.4521,
0.3448


 26.0939, 0.5824,
0.3448


 49.3448, 0.4137,
0.3421

 23.5436, 0.6147,
0.3406

 58.9367, 0.3812,
0.3388

 22.1576, 0.6323,
0.3361

 70.2137, 0.3543,
0.3355

 83.2515, 0.3324,
0.3323

98.1211, 0.3146,
0.3293

99.9968, 0.3127,
0.3290

Harmonies

Analogous

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



34.8834, 0.4393, 0.2839



34.8834, 0.4953, 0.3466



34.8834, 0.4893, 0.4135

Triad

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



34.8834, 0.4953, 0.3466



34.8834, 0.2628, 0.4666



34.8834, 0.1889, 0.1904

Complementary

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



34.8834, 0.4953, 0.3466



70.4231, 0.2332, 0.3072

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.



34.8834, 0.1584, 0.2110



34.8834, 0.4953, 0.3466



34.8834, 0.1936, 0.3647

Square

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



34.8834, 0.4953, 0.3466



34.8834, 0.3507, 0.5073



34.8834, 0.1590, 0.2682



34.8834, 0.2520, 0.1988

Rectangle

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



34.8834, 0.4953, 0.3466



34.8834, 0.4561, 0.4569



34.8834, 0.1590, 0.2682



34.8834, 0.1753, 0.1938

Sweetspot

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



34.8853, 0.4953, 0.3466



74.1647, 0.3469, 0.3345



36.4368, 0.3342, 0.1985



15.0988, 0.3537, 0.3354



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.



34.8853, 0.4953, 0.3466



29.0590, 0.5486, 0.3466



60.1181, 0.4377, 0.4213



18.3247, 0.3292, 0.3318



11.6860, 0.6306, 0.3375



1.2414, 0.6145, 0.3503

Inverse Universe

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



70.4231, 0.2332, 0.3072



67.0422, 0.2245, 0.3023



35.5011, 0.2105, 0.2075



20.1020, 0.2980, 0.3262



32.2093, 0.2145, 0.2921



3.2334, 0.2158, 0.2967

Previews

White Background



This preview shows how the Yxy color 34.8834, 0.4953, 0.3466 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 34.8834, 0.4953, 0.3466 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 34.8834, 0.4953, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 34.8834, 0.4953, 0.3466.



This preview shows how white text looks on a background with the Yxy color 34.8834, 0.4953, 0.3466.

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

34.8834, 0.4953, 0.3466

Protanopia

35.1732, 0.3658, 0.3930

Deuteranopia

35.1573, 0.4166, 0.4088



Tritanopia

34.9266, 0.4699, 0.3226

Trichromacy



Original Color

34.8834, 0.4953, 0.3466

Protanomaly

33.6289, 0.4125, 0.3734

Deuteranomaly

34.3341, 0.4464, 0.3826

Tritanomaly

34.9657, 0.4789, 0.3314

Monochromacy



Original Color

34.8834, 0.4953, 0.3466

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3017, 0.3753, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8834, 0.4953, 0.3466 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, 117, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 99)  
}
```

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, 117, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 99) }
```

Border

The CSS property to change the border of an element to Yxy 34.8834, 0.4953, 0.3466 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, 117, 99) }
```

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

```
.border{ border-color:rgb(255, 117, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8834, 0.4953, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 99) }
```

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

```
.background{ background-color: rgb(255,  
117, 99) }
```

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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