

Converting Colors

$Y_{xy}(35.8207, 0.4850, 0.3501)$

Have a look what the booklet for
Yxy(35.8207, 0.4850, 0.3501)
contains.

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Color

Yxy(35.8207, 0.4850, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	FC7B66
RGB	252, 123, 102
RGB Percent	99%, 48%, 40%
CMY	0.0118, 0.5176, 0.6000
CMYK	0.00, 0.51, 0.60, 0.01
HSL	8°, 96%, 69%
HSV	8°, 60%, 99%
XYZ	49.6231, 35.8207, 16.8718
YIQ	159.1770, 83.6250, 20.8170

Conversions

Conversions Part 2

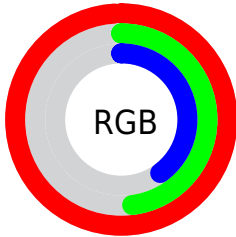
Format	Color
R _Y B	252, 126, 102
Decimal	16546662
CIE Lab	66.38, 47.51, 34.62
CIE LCh	66, 58.785, 36.076
Yxy	35.8207, 0.4850, 0.3501
Android (android.graphics.Color)	4294736742 (0xFFFC7B66)
YUV	159.1770, -28.1883, 81.4058
Hunter-Lab	59.8504, 43.2595, 25.1814

Details

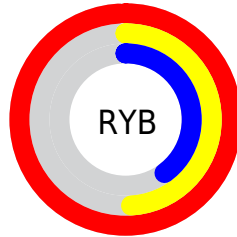
The Yxy color **35.8207, 0.4850, 0.3501** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **66.9943, 0.2337, 0.3033**, and the grayscale version is **34.8618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4007, 0.4037, 0.3555**, and **15.5938, 0.5364, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **30.6011, 0.5292, 0.3508**, and if you desaturate by 10%, it is **42.3858, 0.4434, 0.3476**.

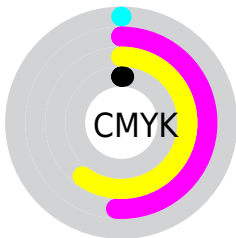
Distribution



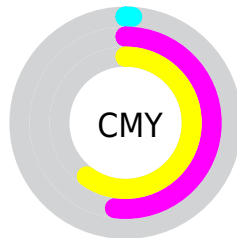
- Red (99%)
- Green (48%)
- Blue (40%)



- Red (99%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (1%)




- Cyan (1%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8207, 0.4850, 0.3501 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 35.8207, 0.4850, 0.3501 by changing the saturation by 10% instead.


 35.8207, 0.4850,
0.3501


 35.8207, 0.4850,
0.3501


328.1762, 0.3953,
0.3453


 24.2958, 0.5076,
0.3490


 68.7552, 0.4521,
0.3500


 15.5532, 0.5362,
0.3462


 90.9336, 0.4398,
0.3494

 9.2085, 0.5731,
0.3400


 117.4319, 0.4294,
0.3488

 4.8774, 0.6220,
0.3271

 148.6345, 0.4205,
0.3481

 2.1755, 0.6960,
0.3040

184.9259, 0.4129,
0.3474

 0.7066, 0.7626,
0.2374

226.6903, 0.4063,

 0.0000, 1.0000,

0.3467

0.0000

274.3123, 0.4005,
0.3460

■ 0.0000, 0.0000,
0.0000

■ 35.8207, 0.4850,
0.3501

■ 35.8207, 0.4850,
0.3501

■ 30.6011, 0.5292,
0.3508

■ 42.3858, 0.4434,
0.3476

■ 26.6277, 0.5716,
0.3491

■ 50.3753, 0.4068,
0.3441

■ 23.7964, 0.6062,
0.3447

■ 59.8688, 0.3758,
0.3402

■ 21.9780, 0.6285,
0.3387

■ 70.9380, 0.3501,
0.3362

■ 21.9123, 0.6294,
0.3384

■ 83.6504, 0.3291,
0.3324

98.0694, 0.3120,
0.3288

99.4329, 0.3109,
0.3290

Harmonies

Analogous

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



35.8207, 0.4348, 0.2896



35.8207, 0.4850, 0.3501



35.8207, 0.4779, 0.4138

Triad

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



35.8207, 0.4850, 0.3501



35.8207, 0.2631, 0.4528



35.8207, 0.1977, 0.1975

Complementary

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



35.8207, 0.4850, 0.3501



66.9943, 0.2337, 0.3033

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.



35.8207, 0.1669, 0.2163



35.8207, 0.4850, 0.3501



35.8207, 0.1984, 0.3581

Square

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



35.8207, 0.4850, 0.3501



35.8207, 0.3460, 0.4951



35.8207, 0.1664, 0.2694



35.8207, 0.2594, 0.2064

Rectangle

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



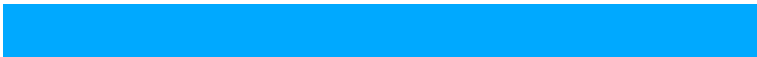
35.8207, 0.4850, 0.3501



35.8207, 0.4462, 0.4538



35.8207, 0.1664, 0.2694



35.8207, 0.1841, 0.2004

Sweetspot

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



35.8226, 0.4850, 0.3501



74.7390, 0.3467, 0.3356



36.0236, 0.3385, 0.2051



15.2360, 0.3534, 0.3368



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.



35.8226, 0.4850, 0.3501



30.7358, 0.5360, 0.3508



61.5831, 0.4303, 0.4240



17.6172, 0.3291, 0.3324



11.5384, 0.6274, 0.3400



1.1845, 0.6085, 0.3551

Inverse Universe

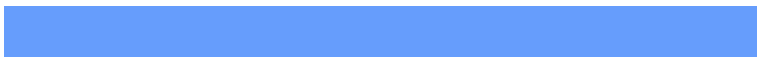
The Inverse Universe completely reimagines the original color for something new.



66.9943, 0.2337, 0.3033



65.0687, 0.2243, 0.2975



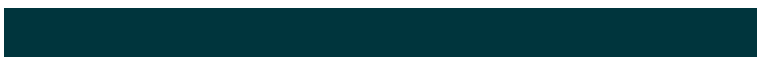
33.9677, 0.2117, 0.2048



19.1696, 0.2980, 0.3256



29.5974, 0.2122, 0.2839



2.8515, 0.2139, 0.2898

Previews

White Background



This preview shows how the Yxy color 35.8207, 0.4850, 0.3501 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 35.8207, 0.4850, 0.3501 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 35.8207, 0.4850, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 35.8207, 0.4850, 0.3501.



This preview shows how white text looks on a background with the Yxy color 35.8207, 0.4850, 0.3501.

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

35.8207, 0.4850, 0.3501

Protanopia

36.1473, 0.3652, 0.3923

Deuteranopia

35.6915, 0.4133, 0.4049



Tritanopia

35.8230, 0.4594, 0.3204

Trichromacy



Original Color

35.8207, 0.4850, 0.3501

Protanomaly

34.9062, 0.4079, 0.3759

Deuteranomaly

35.1257, 0.4401, 0.3831

Tritanomaly

35.6475, 0.4687, 0.3305

Monochromacy



Original Color

35.8207, 0.4850, 0.3501

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7302, 0.3716, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8207, 0.4850, 0.3501 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(252, 123, 102)` looks like.

```
.text, #text, p{  
    color:rgb(252, 123, 102)  
}
```

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(252, 123, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 123, 102) }
```

Border

The CSS property to change the border of an element to Yxy 35.8207, 0.4850, 0.3501 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(252, 123, 102) }
```

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

```
.border{ border-color:rgb(252, 123, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 123, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 123, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 123, 102);  
box-shadow:4px 4px 4px 4px rgb(252, 123,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8207, 0.4850, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 123, 102) }
```

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

```
.background{ background-color: rgb(252,  
123, 102) }
```

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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