

Converting Colors

$Y_{xy}(35.3242, 0.4925, 0.3584)$

Have a look what the booklet for
Yxy(35.3242, 0.4925, 0.3584)
contains.

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Color

Yxy(35.2802, 0.4928, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	FA7B5D
RGB	250, 123, 93
RGB Percent	98%, 48%, 36%
CMY	0.0196, 0.5176, 0.6351
CMYK	0.00, 0.51, 0.63, 0.02
HSL	11°, 94%, 67%
HSV	11°, 63%, 98%
XYZ	48.4832, 35.2802, 14.6197
YIQ	157.5530, 85.3220, 17.5940

Conversions

Conversions Part 2

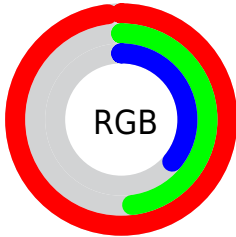
Format	Color
R _Y B	250, 130, 93
Decimal	16415581
CIE Lab	65.97, 46.20, 38.91
CIE LCh	66, 60.402, 40.102
Yxy	35.2802, 0.4928, 0.3586
Android (android.graphics.Color)	4294605661 (0xFFFA7B5D)
YUV	157.5530, -31.8246, 81.0760
Hunter-Lab	59.3971, 41.7566, 26.9846

Details

The Yxy color **35.2802, 0.4928, 0.3586** 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 **60.4320, 0.2284, 0.2914**, and the grayscale version is **34.0999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1144, 0.4117, 0.3649**, and **15.2689, 0.5448, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **30.3981, 0.5351, 0.3591**, and if you desaturate by 10%, it is **41.3475, 0.4520, 0.3556**.

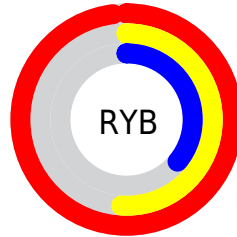
Distribution



Red (98%)

Green (48%)

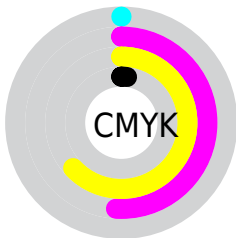
Blue (36%)



Red (98%)

Yellow (51%)

Blue (36%)

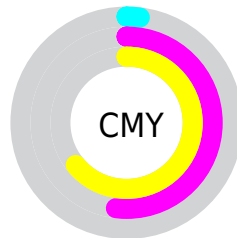


Cyan (0%)

Magenta (51%)

Yellow (63%)

Black (2%)



Cyan (2%)


Magenta (52%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2802, 0.4928, 0.3586 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 35.2802, 0.4928, 0.3586 by changing the saturation by 10% instead.

 35.2802, 0.4928,
0.3586

 35.2802, 0.4928,
0.3586


325.8034, 0.3993,
0.3504

 23.8788, 0.5160,
0.3579


 67.9196, 0.4587,
0.3575

 15.2437, 0.5451,
0.3554


 89.9264, 0.4458,
0.3565

 8.9906, 0.5822,
0.3490


 116.2371, 0.4350,
0.3555

 4.7351, 0.6338,
0.3370

 147.2362, 0.4258,
0.3544

 2.0927, 0.6935,
0.3065

183.3079, 0.4178,
0.3533

 0.6605, 0.7630,
0.2370

224.8368, 0.4108,

 0.0000, 1.0000,

0.3523

0.0000

272.2071, 0.4047,
0.3514

■ 0.0000, 0.0000,
0.0000

■ 35.2802, 0.4928,
0.3586

■ 35.2802, 0.4928,
0.3586

■ 30.3981, 0.5351,
0.3591

■ 41.3475, 0.4520,
0.3556

■ 26.6165, 0.5745,
0.3563

■ 48.6659, 0.4153,
0.3511


■ 23.8480, 0.6059,
0.3501

■ 57.3030, 0.3838,
0.3459

■ 22.4150, 0.6219,
0.3444

■ 67.3198, 0.3572,
0.3405

■ 78.7737, 0.3353,
0.3353

 91.7186, 0.3172,
0.3303

 99.0630, 0.3096,
0.3290

Harmonies

Analogous

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



35.2802, 0.4488, 0.2961



35.2802, 0.4928, 0.3586



35.2802, 0.4774, 0.4239

Triad

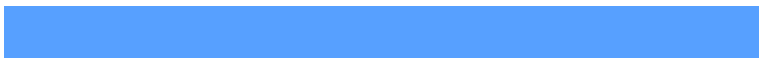
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.2802, 0.4928, 0.3586



35.2802, 0.2507, 0.4462



35.2802, 0.2012, 0.1937

Complementary

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



35.2802, 0.4928, 0.3586



60.4320, 0.2284, 0.2914

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.



35.2802, 0.1656, 0.2086



35.2802, 0.4928, 0.3586



35.2802, 0.1886, 0.3449

Square

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



35.2802, 0.4928, 0.3586



35.2802, 0.3346, 0.4996



35.2802, 0.1608, 0.2576



35.2802, 0.2684, 0.2064

Rectangle

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



35.2802, 0.4928, 0.3586



35.2802, 0.4409, 0.4643



35.2802, 0.1608, 0.2576



35.2802, 0.1859, 0.1954

Sweetspot

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



35.2821, 0.4928, 0.3586



74.7526, 0.3485, 0.3385



33.3912, 0.3486, 0.2063



15.2909, 0.3551, 0.3400



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.



35.2821, 0.4928, 0.3586



30.7926, 0.5446, 0.3588



62.5584, 0.4319, 0.4349



17.7614, 0.3289, 0.3336



12.0440, 0.6195, 0.3463



1.2538, 0.5981, 0.3633

Inverse Universe

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



60.4320, 0.2284, 0.2914



58.6962, 0.2184, 0.2828



28.7991, 0.2040, 0.1862



19.0121, 0.2980, 0.3244



26.3362, 0.2074, 0.2666



2.5790, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 35.2802, 0.4928, 0.3586 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 35.2802, 0.4928, 0.3586 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 35.2802, 0.4928, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 35.2802, 0.4928, 0.3586.



This preview shows how white text looks on a background with the Yxy color 35.2802, 0.4928, 0.3586.

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

35.2802, 0.4928, 0.3586

Protanopia

35.5499, 0.3757, 0.4065

Deuteranopia

35.3409, 0.4231, 0.4138



Tritanopia

35.4214, 0.4587, 0.3213

Trichromacy



Original Color

35.2802, 0.4928, 0.3586

Protanomaly

34.3833, 0.4187, 0.3871

Deuteranomaly

34.6662, 0.4496, 0.3917

Tritanomaly

35.1800, 0.4716, 0.3345

Monochromacy



Original Color

35.2802, 0.4928, 0.3586

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0484, 0.3741, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2802, 0.4928, 0.3586 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(250, 123, 93)` looks like.

```
.text, #text, p{  
    color:rgb(250, 123, 93)  
}
```

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(250, 123, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 123, 93) }
```

Border

The CSS property to change the border of an element to Yxy 35.2802, 0.4928, 0.3586 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(250, 123, 93) }
```

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

```
.border{ border-color:rgb(250, 123, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 123, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 123, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 123, 93);  
box-shadow:4px 4px 4px 4px rgb(250, 123,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2802, 0.4928, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 123, 93) }
```

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

```
.background{ background-color: rgb(250,  
123, 93) }
```

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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