

Converting Colors

Yxy(33.4985, 0.5038, 0.3488)

Have a look what the booklet for
Yxy(33.4985, 0.5038, 0.3488)
contains.

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Color

Yxy(33.4832, 0.5033, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	FD715D
RGB	253, 113, 93
RGB Percent	99%, 44%, 36%
CMY	0.0079, 0.5568, 0.6353
CMYK	0.00, 0.55, 0.63, 0.01
HSL	8°, 98%, 68%
HSV	8°, 63%, 99%
XYZ	48.3838, 33.4832, 14.2662
YIQ	152.5800, 89.8600, 23.4600

Conversions

Conversions Part 2

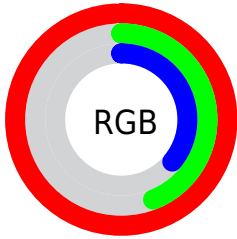
Format	Color
RYB	253, 116, 93
Decimal	16609629
CIELab	64.55, 52.03, 37.30
CIELCh	65, 64.019, 35.635
Yxy	33.4832, 0.5033, 0.3483
Android (android.graphics.Color)	4294799709 (0xFFFD715D)
YUV	152.5800, -29.3729, 88.0683
Hunter-Lab	57.8647, 47.9905, 25.8877

Details

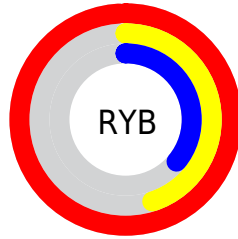
The Yxy color **33.4832, 0.5033, 0.3483** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **67.6658, 0.2311, 0.3044**, and the grayscale version is **31.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2789, 0.4167, 0.3545**, and **14.1705, 0.5599, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **28.7569, 0.5480, 0.3481**, and if you desaturate by 10%, it is **39.5652, 0.4597, 0.3466**.

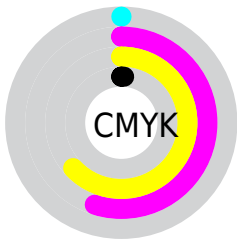
Distribution



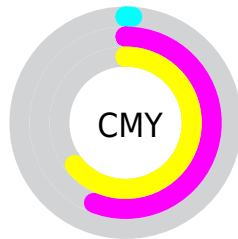
- Red (99%)
- Green (44%)
- Blue (36%)



- Red (99%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (1%)





- Cyan (1%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4832, 0.5033, 0.3483 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 33.4832, 0.5033, 0.3483 by changing the saturation by 10% instead.

 33.4832, 0.5033,
0.3483


 33.4832, 0.5033,
0.3483


317.8215, 0.4035,
0.3458

 22.4969, 0.5283,
0.3461


 65.1292, 0.4667,
0.3494

 14.2224, 0.5599,
0.3414


 86.5576, 0.4529,
0.3492

 8.2755, 0.6002,
0.3321


 112.2356, 0.4414,
0.3488

 4.2718, 0.6574,
0.3165

 142.5474, 0.4316,
0.3482

 1.8267, 0.7207,
0.2793

177.8775, 0.4231,
0.3476

 0.5037, 0.8076,
0.1924

218.6103, 0.4157,

 0.0000, 1.0000,

0.3470

0.0000

265.1301, 0.4092,
0.3464

■ 0.0000, 0.0000,
0.0000

■ 33.4832, 0.5033,
0.3483

■ 33.4832, 0.5033,
0.3483

■ 28.7569, 0.5480,
0.3481

■ 39.5652, 0.4597,
0.3466

■ 25.2764, 0.5883,
0.3455

■ 47.0907, 0.4206,
0.3438


■ 22.9238, 0.6182,
0.3406

■ 56.1464, 0.3871,
0.3404

■ 21.8950, 0.6312,
0.3370

■ 66.8107, 0.3593,
0.3368

■ 79.1565, 0.3365,
0.3333

 93.2523, 0.3180,
0.3300

99.6193, 0.3115,
0.3290

Harmonies

Analogous

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



33.4832, 0.4472, 0.2838



33.4832, 0.5033, 0.3483



33.4832, 0.4941, 0.4172

Triad

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



33.4832, 0.5033, 0.3483



33.4832, 0.2575, 0.4704



33.4832, 0.1863, 0.1858

Complementary

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



33.4832, 0.5033, 0.3483



67.6658, 0.2311, 0.3044

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.



33.4832, 0.1540, 0.2055



33.4832, 0.5033, 0.3483



33.4832, 0.1874, 0.3622

Square

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



33.4832, 0.5033, 0.3483



33.4832, 0.3480, 0.5149



33.4832, 0.1534, 0.2627



33.4832, 0.2522, 0.1953

Rectangle

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



33.4832, 0.5033, 0.3483



33.4832, 0.4582, 0.4624



33.4832, 0.1534, 0.2627



33.4832, 0.1720, 0.1888

Sweetspot

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



33.4850, 0.5033, 0.3483



73.1390, 0.3491, 0.3353



34.6650, 0.3377, 0.1974



14.9084, 0.3559, 0.3363



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.



33.4850, 0.5033, 0.3483



28.1699, 0.5599, 0.3476



59.2160, 0.4406, 0.4259



18.3534, 0.3291, 0.3320



11.7599, 0.6295, 0.3384



1.2549, 0.6125, 0.3518

Inverse Universe

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



67.6658, 0.2311, 0.3044



65.2208, 0.2221, 0.2987



32.6344, 0.2065, 0.1991



20.0703, 0.2980, 0.3259



31.5208, 0.2136, 0.2889



3.1732, 0.2150, 0.2939

Previews

White Background



This preview shows how the Yxy color 33.4832, 0.5033, 0.3483 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 33.4832, 0.5033, 0.3483 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 33.4832, 0.5033, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 33.4832, 0.5033, 0.3483.



This preview shows how white text looks on a background with the Yxy color 33.4832, 0.5033, 0.3483.

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

33.4832, 0.5033, 0.3483

Protanopia

33.6747, 0.3696, 0.3985

Deuteranopia

33.6910, 0.4211, 0.4133



Tritanopia

33.5070, 0.4782, 0.3227

Trichromacy



Original Color

33.4832, 0.5033, 0.3483

Protanomaly

32.3286, 0.4186, 0.3776

Deuteranomaly

32.9087, 0.4518, 0.3864

Tritanomaly

33.5224, 0.4885, 0.3324

Monochromacy



Original Color

33.4832, 0.5033, 0.3483

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.6345, 0.3780, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4832, 0.5033, 0.3483 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(253, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(253, 113, 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(253, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 113, 93) }
```

Border

The CSS property to change the border of an element to Yxy 33.4832, 0.5033, 0.3483 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(253, 113, 93) }
```

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

```
.border{ border-color:rgb(253, 113, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 113, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(253, 113,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4832, 0.5033, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 113, 93) }
```

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

```
.background{ background-color: rgb(253,  
113, 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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