

Converting Colors

Yxy(33.2495, 0.5229, 0.3600)

Have a look what the booklet for
Yxy(33.2495, 0.5229, 0.3600)
contains.

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Color

Yxy(33.1647, 0.5229, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	FF6F4D
RGB	255, 111, 77
RGB Percent	100%, 44%, 30%
CMY	0.0000, 0.5647, 0.6981
CMYK	0.00, 0.56, 0.70, 0.00
HSL	11°, 100%, 65%
HSV	11°, 70%, 100%
XYZ	48.2656, 33.1647, 10.8734
YIQ	150.1800, 96.7380, 19.9540

Conversions

Conversions Part 2

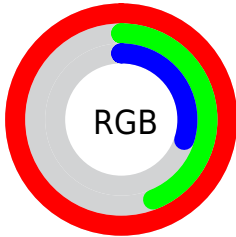
Format	Color
R_{YB}	255, 119, 77
Decimal	16740173
CIE _{Lab}	64.29, 52.81, 45.65
CIE _{LCh}	64, 69.805, 40.840
Yxy	33.1647, 0.5229, 0.3593
Android (android.graphics.Color)	4294930253 (0xFFFF6F4D)
YUV	150.1800, -36.0777, 91.9271
Hunter-Lab	57.5888, 48.8217, 29.1176

Details

The Yxy color **33.1647, 0.5229, 0.3593** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **60.4932, 0.2223, 0.2863**, and the grayscale version is **30.7039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0647, 0.4335, 0.3697**, and **14.1286, 0.5812, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **28.8794, 0.5637, 0.3575**, and if you desaturate by 10%, it is **38.6307, 0.4806, 0.3580**.

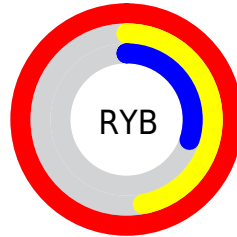
Distribution



Red (100%)

Green (44%)

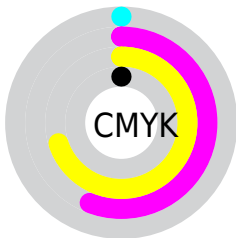
Blue (30%)



Red (100%)

Yellow (47%)

Blue (30%)

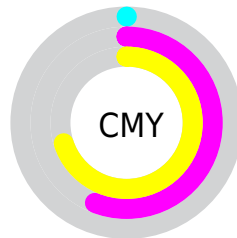


Cyan (0%)

Magenta (56%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1647, 0.5229, 0.3593 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 33.1647, 0.5229, 0.3593 by changing the saturation by 10% instead.


 33.1647, 0.5229,
0.3593


 33.1647, 0.5229,
0.3593


316.3912, 0.4142,
0.3538


 22.2526, 0.5491,
0.3568


 64.6326, 0.4836,
0.3601


 14.0427, 0.5814,
0.3512


 85.9572, 0.4687,
0.3595

 8.1503, 0.6210,
0.3397


 111.5215, 0.4561,
0.3587

 4.1913, 0.6782,
0.3218

 141.7098, 0.4452,
0.3577

 1.7811, 0.7247,
0.2753

 176.9065, 0.4359,
0.3567

 0.4754, 0.8154,
0.1846

217.4960, 0.4277,

 0.0000, 1.0000,

0.3557

0.0000

263.8628, 0.4205,
0.3547

■ 0.0000, 0.0000,
0.0000

■ 33.1647, 0.5229,
0.3593

■ 33.1647, 0.5229,
0.3593

■ 28.8794, 0.5637,
0.3575

■ 38.6307, 0.4806,
0.3580

■ 25.6838, 0.5979,
0.3522

■ 45.3569, 0.4408,
0.3545


■ 23.4683, 0.6216,
0.3445

■ 53.4166, 0.4056,
0.3497

■ 23.4353, 0.6220,
0.3444

■ 62.8773, 0.3755,
0.3444

■ 73.8018, 0.3503,
0.3390

 86.2489, 0.3295,
0.3338

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.



33.1647, 0.4749, 0.2905



33.1647, 0.5229, 0.3593



33.1647, 0.4990, 0.4332

Triad

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



33.1647, 0.5229, 0.3593



33.1647, 0.2359, 0.4680



33.1647, 0.1864, 0.1754

Complementary

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



33.1647, 0.5229, 0.3593



60.4932, 0.2223, 0.2863

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.



33.1647, 0.1467, 0.1895



33.1647, 0.5229, 0.3593



33.1647, 0.1679, 0.3426

Square

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



33.1647, 0.5229, 0.3593



33.1647, 0.3308, 0.5321



33.1647, 0.1398, 0.2416



33.1647, 0.2626, 0.1905

Rectangle

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



33.1647, 0.5229, 0.3593



33.1647, 0.4541, 0.4820



33.1647, 0.1398, 0.2416



33.1647, 0.1693, 0.1765

Sweetspot

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



33.1650, 0.5229, 0.3593



72.4286, 0.3531, 0.3396



31.8572, 0.3538, 0.1973



14.8356, 0.3597, 0.3411



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.



33.1650, 0.5229, 0.3593



27.4150, 0.5792, 0.3557



62.4697, 0.4458, 0.4426



18.5488, 0.3290, 0.3336



12.4046, 0.6196, 0.3462



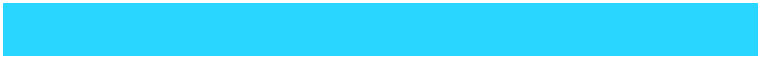
1.3491, 0.5994, 0.3623

Inverse Universe

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



60.4932, 0.2223, 0.2863



55.8081, 0.2130, 0.2764



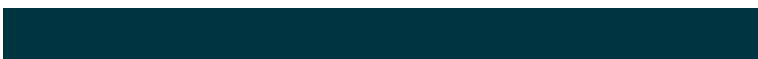
25.6671, 0.1928, 0.1675



19.8564, 0.2980, 0.3243



27.1128, 0.2073, 0.2664



2.7846, 0.2095, 0.2743

Previews

White Background



This preview shows how the Yxy color 33.1647, 0.5229, 0.3593 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 33.1647, 0.5229, 0.3593 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 33.1647, 0.5229, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 33.1647, 0.5229, 0.3593.



This preview shows how white text looks on a background with the Yxy color 33.1647, 0.5229, 0.3593.

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

33.1647, 0.5229, 0.3593

Protanopia

33.2076, 0.3888, 0.4217

Deuteranopia

33.3939, 0.4382, 0.4295



Tritanopia

33.2000, 0.4840, 0.3237

Trichromacy



Original Color

33.1647, 0.5229, 0.3593

Protanomaly

32.0008, 0.4389, 0.3961

Deuteranomaly

32.3948, 0.4715, 0.4003

Tritanomaly

33.1369, 0.4990, 0.3370

Monochromacy



Original Color

33.1647, 0.5229, 0.3593

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.7297, 0.3870, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1647, 0.5229, 0.3593 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, 111, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 77)  
}
```

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, 111, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 77) }
```

Border

The CSS property to change the border of an element to Yxy 33.1647, 0.5229, 0.3593 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, 111, 77) }
```

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

```
.border{ border-color:rgb(255, 111, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1647, 0.5229, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 77) }
```

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

```
.background{ background-color: rgb(255,  
111, 77) }
```

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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