

Converting Colors

Yxy(56.9108, 0.5582, 0.3533)

Have a look what the booklet for
Yxy(56.9108, 0.5582, 0.3533)
contains.

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Color

Yxy(36.2845, 0.5068, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C52
RGB	255, 124, 82
RGB Percent	100%, 49%, 32%
CMY	0.0000, 0.5137, 0.6786
CMYK	0.00, 0.51, 0.68, 0.00
HSL	15°, 100%, 66%
HSV	15°, 68%, 100%
XYZ	49.9701, 36.2845, 12.3446
YIQ	158.3810, 91.5580, 14.7100

Conversions

Conversions Part 2

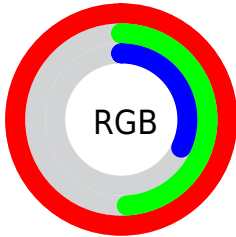
Format	Color
R _Y B	255, 137, 82
Decimal	16743506
CIE Lab	66.74, 46.92, 45.85
CIE LCh	67, 65.605, 44.338
Yxy	36.2845, 0.5068, 0.3680
Android (android.graphics.Color)	4294933586 (0xFFFF7C52)
YUV	158.3810, -37.6558, 84.7349
Hunter-Lab	60.2366, 42.6629, 30.0150

Details

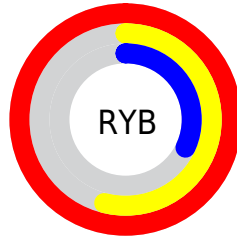
The Yxy color **36.2845, 0.5068, 0.3680** is a light color, and the websafe version is hex **FF6633**. The color can be described as light muted orange. A complement of this color would be **56.5769, 0.2210, 0.2760**, and the grayscale version is **34.5172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1937, 0.4208, 0.3770**, and **15.8284, 0.5595, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **31.5933, 0.5463, 0.3674**, and if you desaturate by 10%, it is **42.0702, 0.4670, 0.3653**.

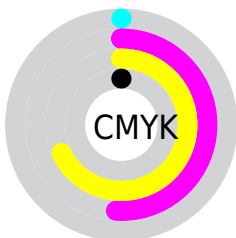
Distribution



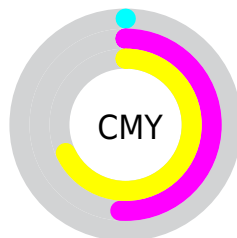
- Red (100%)
- Green (49%)
- Blue (32%)



- Red (100%)
- Yellow (54%)
- Blue (32%)



- Cyan (0%)
- Magenta (51%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2845, 0.5068, 0.3680 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 36.2845, 0.5068, 0.3680 by changing the saturation by 10% instead.


 36.2845, 0.5068,
0.3680

 36.2845, 0.5068,
0.3680


330.2023, 0.4076,
0.3570

 24.6540, 0.5305,
0.3673


 69.4710, 0.4711,
0.3664


 15.8195, 0.5597,
0.3644


 91.7957, 0.4576,
0.3651

 9.3965, 0.5957,
0.3569


 118.4540, 0.4460,
0.3637

 5.0007, 0.6517,
0.3471

 149.8302, 0.4361,
0.3622

 2.2477, 0.6922,
0.3078

 186.3088, 0.4275,
0.3608

 0.7458, 0.7563,
0.2437

228.2740, 0.4200,

 0.0000, 1.0000,

0.3595

0.0000

276.1104, 0.4134,
0.3582

■ 0.0000, 0.0000,
0.0000

■ 36.2845, 0.5068,
0.3680

■ 36.2845, 0.5068,
0.3680

■ 31.5933, 0.5463,
0.3674

■ 42.0702, 0.4670,
0.3653

■ 27.9192, 0.5813,
0.3625

■ 49.0107, 0.4299,
0.3602


■ 25.1799, 0.6076,
0.3539

■ 57.1677, 0.3972,
0.3539

■ 24.7013, 0.6123,
0.3520

■ 66.5967, 0.3691,
0.3471

■ 77.3500, 0.3455,
0.3403

 89.4766, 0.3258,
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.



36.2845, 0.4694, 0.3019



36.2845, 0.5068, 0.3680



36.2845, 0.4805, 0.4371

Triad

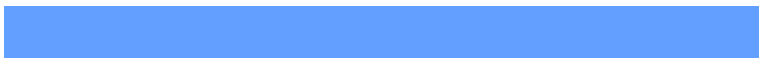
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.2845, 0.5068, 0.3680



36.2845, 0.2342, 0.4423



36.2845, 0.2021, 0.1860

Complementary

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



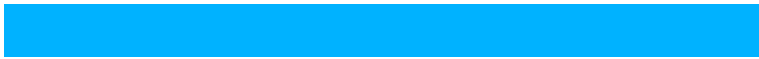
36.2845, 0.5068, 0.3680



56.5769, 0.2210, 0.2760

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.



36.2845, 0.1604, 0.1966



36.2845, 0.5068, 0.3680



36.2845, 0.1739, 0.3298

Square

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



36.2845, 0.5068, 0.3680



36.2845, 0.3212, 0.5107



36.2845, 0.1505, 0.2418



36.2845, 0.2776, 0.2032

Rectangle

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



36.2845, 0.5068, 0.3680



36.2845, 0.4373, 0.4798



36.2845, 0.1505, 0.2418



36.2845, 0.1845, 0.1862

Sweetspot

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



36.2862, 0.5068, 0.3680



74.9328, 0.3502, 0.3417



32.1758, 0.3622, 0.2064



15.3800, 0.3567, 0.3436



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.



36.2862, 0.5068, 0.3680



30.3328, 0.5580, 0.3663



67.3991, 0.4355, 0.4480



18.7037, 0.3288, 0.3348



13.0999, 0.6096, 0.3542



1.4373, 0.5880, 0.3713

Inverse Universe

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



56.5769, 0.2210, 0.2760



51.4310, 0.2108, 0.2639



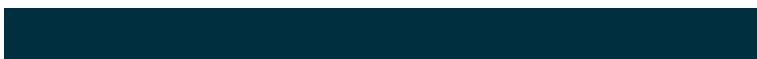
24.4779, 0.1931, 0.1615



19.6895, 0.2980, 0.3231



23.9554, 0.2023, 0.2482



2.5025, 0.2052, 0.2585

Previews

White Background



This preview shows how the Yxy color 36.2845, 0.5068, 0.3680 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 36.2845, 0.5068, 0.3680 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 36.2845, 0.5068, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 36.2845, 0.5068, 0.3680.



This preview shows how white text looks on a background with the Yxy color 36.2845, 0.5068, 0.3680.

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

36.2845, 0.5068, 0.3680

Protanopia

36.4856, 0.3893, 0.4237

Deuteranopia

36.3682, 0.4354, 0.4270



Tritanopia

36.2515, 0.4597, 0.3214

Trichromacy



Original Color

36.2845, 0.5068, 0.3680

Protanomaly

35.3549, 0.4329, 0.4022

Deuteranomaly

35.8687, 0.4626, 0.4030

Tritanomaly

36.0824, 0.4791, 0.3393

Monochromacy



Original Color

36.2845, 0.5068, 0.3680

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.5069, 0.3802, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2845, 0.5068, 0.3680 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, 124, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 82)  
}
```

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, 124, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 82) }
```

Border

The CSS property to change the border of an element to Yxy 36.2845, 0.5068, 0.3680 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, 124, 82) }
```

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

```
.border{ border-color:rgb(255, 124, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2845, 0.5068, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 82) }
```

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

```
.background{ background-color: rgb(255,  
124, 82) }
```

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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