

Converting Colors

$Y_{xy}(36.9003, 0.5397, 0.3574)$

Have a look what the booklet for
Yxy(36.9003, 0.5397, 0.3574)
contains.

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Color

Yxy(32.9063, 0.5266, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	FF6E4A
RGB	255, 110, 74
RGB Percent	100%, 43%, 29%
CMY	0.0000, 0.5686, 0.7099
CMYK	0.00, 0.57, 0.71, 0.00
HSL	12°, 100%, 65%
HSV	12°, 71%, 100%
XYZ	48.0545, 32.9063, 10.2935
YIQ	149.2510, 97.9760, 19.5440

Conversions

Conversions Part 2

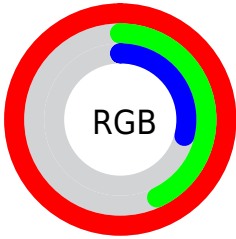
Format	Color
R _Y B	255, 119, 74
Decimal	16739914
CIE Lab	64.08, 53.13, 46.97
CIE LCh	64, 70.913, 41.478
Yxy	32.9063, 0.5266, 0.3606
Android (android.graphics.Color)	4294929994 (0xFFFF6E4A)
YUV	149.2510, -37.0987, 92.7419
Hunter-Lab	57.3640, 49.1445, 29.5157

Details

The Yxy color **32.9063, 0.5266, 0.3606** is a dark color, and the websafe version is hex **FF6633**, and the color name is **outrageous orange**. The color can be described as middle washed orange. A complement of this color would be **59.3270, 0.2209, 0.2837**, and the grayscale version is **30.2930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6255, 0.4368, 0.3716**, and **13.8879, 0.5844, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **28.7182, 0.5667, 0.3584**, and if you desaturate by 10%, it is **38.2490, 0.4846, 0.3595**.

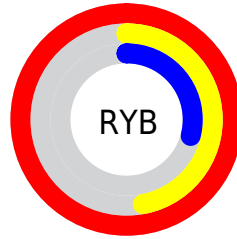
Distribution



Red (100%)

Green (43%)

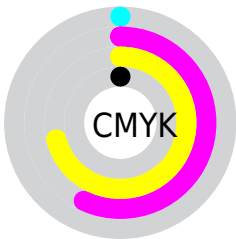
Blue (29%)



Red (100%)

Yellow (47%)

Blue (29%)

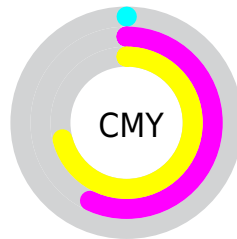


Cyan (0%)

Magenta (57%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9063, 0.5266, 0.3606 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 32.9063, 0.5266, 0.3606 by changing the saturation by 10% instead.


 32.9063, 0.5266,
0.3606


 32.9063, 0.5266,
0.3606


315.2273, 0.4161,
0.3549


 22.0547, 0.5531,
0.3579


 64.2292, 0.4868,
0.3615

 13.8971, 0.5855,
0.3519


 85.4693, 0.4716,
0.3609


 8.0491, 0.6252,
0.3400


 110.9410, 0.4588,
0.3600

 4.1264, 0.6799,
0.3201

 141.0287, 0.4478,
0.3591

 1.7445, 0.7270,
0.2730

 176.1167, 0.4382,
0.3580

 0.4522, 0.8209,
0.1791

216.5896, 0.4299,


 0.0000, 1.0000,


0.3570


0.0000


262.8317, 0.4226,
0.3559

 0.0000, 0.0000,
0.0000

 32.9063, 0.5266,
0.3606


 32.9063, 0.5266,
0.3606


 28.7182, 0.5667,
0.3584


 38.2490, 0.4846,
0.3595


 25.5964, 0.5997,
0.3526


 44.8258, 0.4446,
0.3560

 23.6052, 0.6206,
0.3454

 52.7084, 0.4090,
0.3512

 61.9630, 0.3785,
0.3456

 72.6513, 0.3530,
0.3400

 84.8312, 0.3318,
0.3346

 98.5572, 0.3143,
0.3295

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.



32.9063, 0.4796, 0.2911



32.9063, 0.5266, 0.3606



32.9063, 0.5004, 0.4355

Triad

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



32.9063, 0.5266, 0.3606



32.9063, 0.2325, 0.4685



32.9063, 0.1857, 0.1733

Complementary

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



32.9063, 0.5266, 0.3606



59.3270, 0.2209, 0.2837

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.



32.9063, 0.1449, 0.1867



32.9063, 0.5266, 0.3606



32.9063, 0.1646, 0.3399

Square

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



32.9063, 0.5266, 0.3606



32.9063, 0.3284, 0.5358



32.9063, 0.1372, 0.2383



32.9063, 0.2637, 0.1892

Rectangle

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



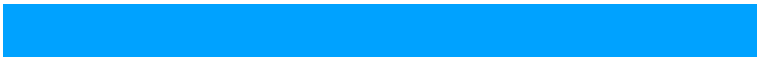
32.9063, 0.5266, 0.3606



32.9063, 0.4539, 0.4852



32.9063, 0.1372, 0.2383



32.9063, 0.1682, 0.1742

Sweetspot

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



32.9061, 0.5266, 0.3606



72.6382, 0.3530, 0.3400



31.4187, 0.3546, 0.1960



14.8846, 0.3596, 0.3416



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.



32.9061, 0.5266, 0.3606



27.3432, 0.5811, 0.3565



61.9947, 0.4480, 0.4437



18.5722, 0.3289, 0.3338



12.4987, 0.6182, 0.3474



1.3615, 0.5977, 0.3636

Inverse Universe

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



59.3270, 0.2209, 0.2837



54.6584, 0.2119, 0.2734



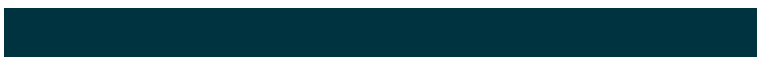
24.9890, 0.1911, 0.1645



19.8311, 0.2980, 0.3242



26.6184, 0.2066, 0.2637



2.7406, 0.2089, 0.2720

Previews

White Background



This preview shows how the Yxy color 32.9063, 0.5266, 0.3606 looks on a white background.

Color Contrast Check

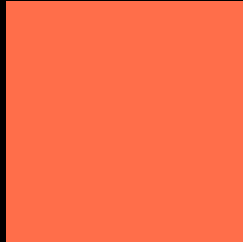
Large Text (above 18pt) WCAG AA × Fail

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 32.9063, 0.5266, 0.3606 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 32.9063, 0.5266, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 32.9063, 0.5266, 0.3606.



This preview shows how white text looks on a background with the Yxy color 32.9063, 0.5266, 0.3606.

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

32.9063, 0.5266, 0.3606

Protanopia

33.1561, 0.3914, 0.4257

Deuteranopia

32.9106, 0.4404, 0.4318



Tritanopia

32.9676, 0.4859, 0.3238

Trichromacy



Original Color

32.9063, 0.5266, 0.3606

Protanomaly

31.6619, 0.4427, 0.3983

Deuteranomaly

32.0788, 0.4750, 0.4019

Tritanomaly

32.8860, 0.5020, 0.3379

Monochromacy



Original Color

32.9063, 0.5266, 0.3606

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4245, 0.3886, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9063, 0.5266, 0.3606 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, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 74)  
}
```

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, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 74) }
```

Border

The CSS property to change the border of an element to Yxy 32.9063, 0.5266, 0.3606 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, 110, 74) }
```

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

```
.border{ border-color:rgb(255, 110, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9063, 0.5266, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 74) }
```

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

```
.background{ background-color: rgb(255,  
110, 74) }
```

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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