

Converting Colors

$Y_{xy}(32.4716, 0.5306, 0.3607)$

Have a look what the booklet for
Yxy(32.4716, 0.5306, 0.3607)
contains.

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Color

Yxy(32.4401, 0.5311, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C47
RGB	255, 108, 71
RGB Percent	100%, 42%, 28%
CMY	0.0000, 0.5764, 0.7215
CMYK	0.00, 0.58, 0.72, 0.00
HSL	12°, 100%, 64%
HSV	12°, 72%, 100%
XYZ	47.7388, 32.4401, 9.7078
YIQ	147.7350, 99.4890, 19.6570

Conversions

Conversions Part 2

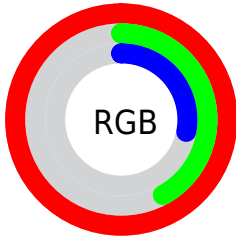
Format	Color
R_{YB}	255, 117, 71
Decimal	16739399
CIE _{Lab}	63.70, 53.89, 48.07
CIE _{LCh}	64, 72.219, 41.734
Yxy	32.4401, 0.5311, 0.3609
Android (android.graphics.Color)	4294929479 (0xFFFF6C47)
YUV	147.7350, -37.8304, 94.0714
Hunter-Lab	56.9562, 49.9394, 29.7638

Details

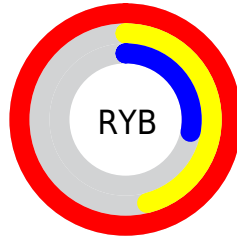
The Yxy color **32.4401, 0.5311, 0.3609** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **58.6967, 0.2199, 0.2823**, and the grayscale version is **29.6301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8349, 0.4408, 0.3725**, and **13.5942, 0.5910, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **28.3733, 0.5706, 0.3583**, and if you desaturate by 10%, it is **37.6516, 0.4891, 0.3601**.

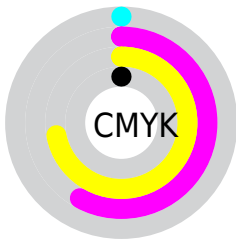
Distribution



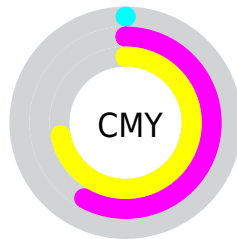
- Red (100%)
- Green (42%)
- Blue (28%)



- Red (100%)
- Yellow (46%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (72%)
- Black (0%)




- Cyan (0%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4401, 0.5311, 0.3609 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 32.4401, 0.5311, 0.3609 by changing the saturation by 10% instead.


 32.4401, 0.5311,
0.3609


 32.4401, 0.5311,
0.3609


313.1192, 0.4184,
0.3556


 21.6979, 0.5580,
0.3579


 63.5004, 0.4905,
0.3621


 13.6351, 0.5907,
0.3513


 84.5872, 0.4751,
0.3616

 7.8673, 0.6311,
0.3387


 109.8911, 0.4620,
0.3608

 4.0101, 0.6836,
0.3164

 139.7964, 0.4507,
0.3598

 1.6792, 0.7317,
0.2683

 174.6874, 0.4410,
0.3587

 0.4102, 0.8322,
0.1678

214.9486, 0.4325,

 0.0000, 1.0000,

0.3577

0.0000

260.9644, 0.4250,
0.3566

■ 0.0000, 0.0000,
0.0000

■ 32.4401, 0.5311,
0.3609

■ 32.4401, 0.5311,
0.3609

■ 28.3733, 0.5706,
0.3583

■ 37.6516, 0.4891,
0.3601

■ 25.3562, 0.6025,
0.3521


■ 44.0816, 0.4489,
0.3568


■ 23.6518, 0.6203,
0.3457

■ 51.8041, 0.4128,
0.3520

■ 60.8853, 0.3818,
0.3465

■ 71.3870, 0.3557,
0.3408

 83.3670, 0.3340,
0.3353

 96.8799, 0.3161,
0.3301

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



32.4401, 0.4841, 0.2905



32.4401, 0.5311, 0.3609



32.4401, 0.5031, 0.4371

Triad

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



32.4401, 0.5311, 0.3609



32.4401, 0.2297, 0.4713



32.4401, 0.1839, 0.1706

Complementary

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



32.4401, 0.5311, 0.3609



58.6967, 0.2199, 0.2823

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.



32.4401, 0.1423, 0.1837



32.4401, 0.5311, 0.3609



32.4401, 0.1612, 0.3387

Square

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



32.4401, 0.5311, 0.3609



32.4401, 0.3270, 0.5408



32.4401, 0.1341, 0.2354



32.4401, 0.2634, 0.1871

Rectangle

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



32.4401, 0.5311, 0.3609



32.4401, 0.4551, 0.4881



32.4401, 0.1341, 0.2354



32.4401, 0.1661, 0.1715

Sweetspot

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



32.4419, 0.5311, 0.3609



71.5627, 0.3553, 0.3407



30.8387, 0.3590, 0.1971



14.6757, 0.3619, 0.3422



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.



32.4419, 0.5311, 0.3609



26.7869, 0.5873, 0.3557



62.9293, 0.4476, 0.4473



18.5785, 0.3289, 0.3339



12.5250, 0.6178, 0.3477



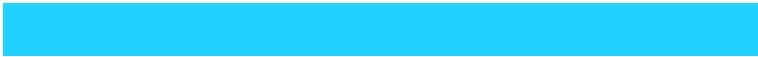
1.3649, 0.5973, 0.3640

Inverse Universe

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



58.6967, 0.2199, 0.2823



53.8264, 0.2108, 0.2712



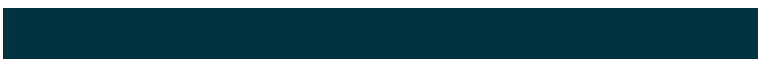
23.5334, 0.1884, 0.1576



19.8242, 0.2980, 0.3241



26.4843, 0.2064, 0.2629



2.7287, 0.2087, 0.2713

Previews

White Background



This preview shows how the Yxy color 32.4401, 0.5311, 0.3609 looks on a white background.

Color Contrast Check

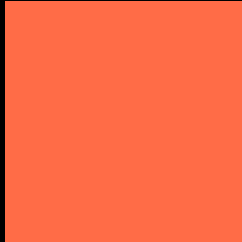
Large Text (above 18pt) WCAG AA × Fail

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 32.4401, 0.5311, 0.3609 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 32.4401, 0.5311, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 32.4401, 0.5311, 0.3609.



This preview shows how white text looks on a background with the Yxy color 32.4401, 0.5311, 0.3609.

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

32.4401, 0.5311, 0.3609

Protanopia

32.6606, 0.3936, 0.4288

Deuteranopia

32.4217, 0.4433, 0.4350



Tritanopia

32.5108, 0.4897, 0.3238

Trichromacy



Original Color

32.4401, 0.5311, 0.3609

Protanomaly

31.1885, 0.4454, 0.4007

Deuteranomaly

31.6038, 0.4784, 0.4046

Tritanomaly

32.4126, 0.5069, 0.3387

Monochromacy



Original Color

32.4401, 0.5311, 0.3609

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.6959, 0.3908, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4401, 0.5311, 0.3609 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, 108, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 71)  
}
```

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, 108, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 71) }
```

Border

The CSS property to change the border of an element to Yxy 32.4401, 0.5311, 0.3609 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, 108, 71) }
```

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

```
.border{ border-color:rgb(255, 108, 71) }
```

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

Here you see how a box with a 4 pixel rgb(255, 108, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4401, 0.5311, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 71) }
```

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

```
.background{ background-color: rgb(255,  
108, 71) }
```

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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