

Converting Colors

Yxy(32.4662, 0.5293, 0.3595)

Have a look what the booklet for
Yxy(32.4662, 0.5293, 0.3595)
contains.

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Color

Yxy(32.4662, 0.5293, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C49
RGB	255, 108, 73
RGB Percent	100%, 42%, 29%
CMY	0.0000, 0.5764, 0.7139
CMYK	0.00, 0.58, 0.71, 0.00
HSL	12°, 100%, 64%
HSV	12°, 71%, 100%
XYZ	47.8007, 32.4662, 10.0424
YIQ	147.9630, 98.8470, 20.2790

Conversions

Conversions Part 2

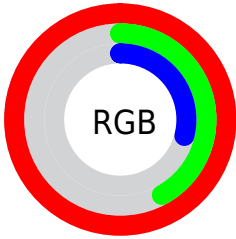
Format	Color
R_{YB}	255, 116, 73
Decimal	16739401
CIE Lab	63.73, 53.97, 47.10
CIE LCh	64, 71.632, 41.108
Yxy	32.4662, 0.5293, 0.3595
Android (android.graphics.Color)	4294929481 (0xFFFF6C49)
YUV	147.9630, -36.9568, 93.8714
Hunter-Lab	56.9791, 50.0331, 29.4357

Details

The Yxy color **32.4662, 0.5293, 0.3595** 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 **59.7777, 0.2210, 0.2849**, and the grayscale version is **29.7257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8844, 0.4390, 0.3706**, and **13.6069, 0.5886, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **28.3538, 0.5694, 0.3572**, and if you desaturate by 10%, it is **37.7458, 0.4870, 0.3586**.

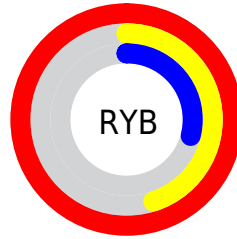
Distribution



Red (100%)

Green (42%)

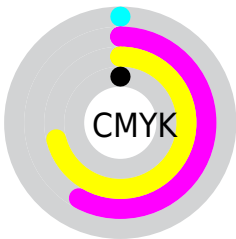
Blue (29%)



Red (100%)

Yellow (45%)

Blue (29%)

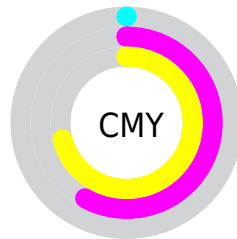


Cyan (0%)

Magenta (58%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4662, 0.5293, 0.3595 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 32.4662, 0.5293, 0.3595 by changing the saturation by 10% instead.


 32.4662, 0.5293,
0.3595


 32.4662, 0.5293,
0.3595

313.2375, 0.4173,
0.3546


 21.7178, 0.5561,
0.3565


 63.5412, 0.4889,
0.3607


 13.6497, 0.5890,
0.3501


 84.6367, 0.4735,
0.3603


 7.8774, 0.6293,
0.3375


 109.9500, 0.4605,
0.3595

 4.0166, 0.6838,
0.3162

 139.8655, 0.4493,
0.3586

 1.6829, 0.7318,
0.2682

 174.7676, 0.4397,
0.3576

 0.4125, 0.8319,
0.1681

215.0407, 0.4313,

 0.0000, 1.0000,

0.3566

0.0000

261.0692, 0.4239,
0.3556

0.0000, 0.0000,
0.0000

32.4662, 0.5293,
0.3595

32.4662, 0.5293,
0.3595

28.3538, 0.5694,
0.3572

37.7458, 0.4870,
0.3586

25.3119, 0.6021,
0.3513


44.2685, 0.4467,
0.3553


23.4646, 0.6217,
0.3446

52.1098, 0.4107,
0.3507

61.3376, 0.3798,
0.3453

72.0150, 0.3540,
0.3399

 84.2011, 0.3326,
0.3346

 97.9520, 0.3149,
0.3297

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



32.4662, 0.4810, 0.2895



32.4662, 0.5293, 0.3595



32.4662, 0.5031, 0.4351

Triad

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



32.4662, 0.5293, 0.3595



32.4662, 0.2323, 0.4723



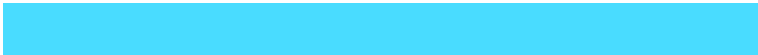
32.4662, 0.1835, 0.1716

Complementary

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



32.4662, 0.5293, 0.3595



59.7777, 0.2210, 0.2849

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.



32.4662, 0.1429, 0.1854



32.4662, 0.5293, 0.3595



32.4662, 0.1633, 0.3414

Square

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



32.4662, 0.5293, 0.3595



32.4662, 0.3293, 0.5392



32.4662, 0.1354, 0.2378



32.4662, 0.2617, 0.1873

Rectangle

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



32.4662, 0.5293, 0.3595



32.4662, 0.4561, 0.4857



32.4662, 0.1354, 0.2378



32.4662, 0.1661, 0.1726

Sweetspot

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



32.4680, 0.5293, 0.3595



72.4685, 0.3530, 0.3397



31.2700, 0.3549, 0.1956



14.8449, 0.3597, 0.3412



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.



32.4680, 0.5293, 0.3595



26.8269, 0.5857, 0.3549



61.8268, 0.4487, 0.4440



18.5533, 0.3290, 0.3336



12.4223, 0.6193, 0.3465



1.3514, 0.5990, 0.3625

Inverse Universe

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



59.7777, 0.2210, 0.2849



55.0535, 0.2119, 0.2745



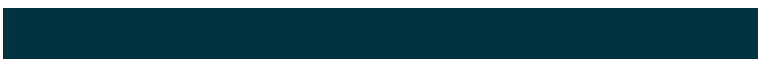
24.7587, 0.1905, 0.1635



19.8516, 0.2980, 0.3243



27.0180, 0.2072, 0.2659



2.7761, 0.2094, 0.2739

Previews

White Background



This preview shows how the Yxy color 32.4662, 0.5293, 0.3595 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 32.4662, 0.5293, 0.3595 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 32.4662, 0.5293, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 32.4662, 0.5293, 0.3595.



This preview shows how white text looks on a background with the Yxy color 32.4662, 0.5293, 0.3595.

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

32.4662, 0.5293, 0.3595

Protanopia

32.6933, 0.3919, 0.4262

Deuteranopia

32.4441, 0.4418, 0.4331



Tritanopia

32.5108, 0.4897, 0.3238

Trichromacy



Original Color

32.4662, 0.5293, 0.3595

Protanomaly

31.2190, 0.4434, 0.3985

Deuteranomaly

31.6274, 0.4768, 0.4029

Tritanomaly

32.4311, 0.5058, 0.3378

Monochromacy



Original Color

32.4662, 0.5293, 0.3595

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7203, 0.3896, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4662, 0.5293, 0.3595 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 73) }
```

Border

The CSS property to change the border of an element to Yxy 32.4662, 0.5293, 0.3595 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, 73) }
```

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

```
.border{ border-color:rgb(255, 108, 73) }
```

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, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4662, 0.5293, 0.3595 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, 73) }
```

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

```
.background{ background-color: rgb(255,  
108, 73) }
```

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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