

Converting Colors

$Y_{xy}(32.7491, 0.5270, 0.3597)$

Have a look what the booklet for
Yxy(32.7491, 0.5270, 0.3597)
contains.

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Color

Yxy(32.6917, 0.5275, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	FF6D4A
RGB	255, 109, 74
RGB Percent	100%, 43%, 29%
CMY	0.0000, 0.5725, 0.7100
CMYK	0.00, 0.57, 0.71, 0.00
HSL	12°, 100%, 64%
HSV	12°, 71%, 100%
XYZ	47.9424, 32.6917, 10.2519
YIQ	148.6640, 98.2510, 20.0670

Conversions

Conversions Part 2

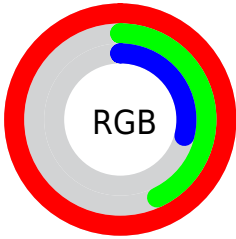
Format	Color
RYB	255, 117, 74
Decimal	16739658
CIELab	63.91, 53.57, 46.79
CIElCh	64, 71.128, 41.135
Yxy	32.6917, 0.5275, 0.3597
Android (android.graphics.Color)	4294929738 (0xFFFF6D4A)
YUV	148.6640, -36.8094, 93.2567
Hunter-Lab	57.1767, 49.6123, 29.3928

Details

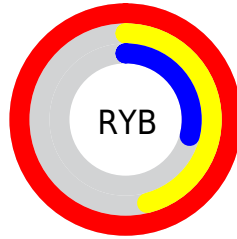
The Yxy color **32.6917, 0.5275, 0.3597** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **59.8211, 0.2212, 0.2849**, and the grayscale version is **30.0331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2662, 0.4375, 0.3706**, and **13.7017, 0.5867, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **28.5308, 0.5678, 0.3575**, and if you desaturate by 10%, it is **38.0213, 0.4853, 0.3587**.

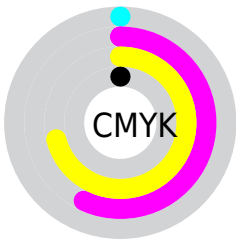
Distribution



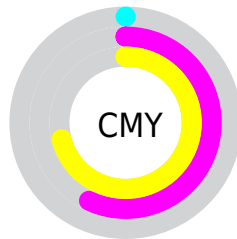
- Red (100%)
- Green (43%)
- Blue (29%)



- Red (100%)
- Yellow (46%)
- 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 32.6917, 0.5275, 0.3597 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 32.6917, 0.5275, 0.3597 by changing the saturation by 10% instead.

 32.6917, 0.5275,
0.3597


 32.6917, 0.5275,
0.3597


314.2582, 0.4165,
0.3545


 21.8904, 0.5542,
0.3569


 63.8939, 0.4874,
0.3608

 13.7764, 0.5868,
0.3507


 85.0636, 0.4722,
0.3603

 7.9653, 0.6268,
0.3385


 110.4581, 0.4593,
0.3595

 4.0727, 0.6819,
0.3181

 140.4620, 0.4482,
0.3585

 1.7143, 0.7294,
0.2706

 175.4595, 0.4386,
0.3575

 0.4329, 0.8263,
0.1737

215.8351, 0.4303,


 0.0000, 1.0000,

0.3565

0.0000


261.9732, 0.4230,
0.3555

 0.0000, 0.0000,
0.0000


 32.6917, 0.5275,
0.3597


 32.6917, 0.5275,
0.3597


 28.5308, 0.5678,
0.3575


 38.0213, 0.4853,
0.3587


 25.4425, 0.6008,
0.3518


 44.5946, 0.4451,
0.3553

 23.4890, 0.6215,
0.3447

 52.4868, 0.4093,
0.3506

 61.7652, 0.3787,
0.3452

 72.4926, 0.3530,
0.3397

 84.7279, 0.3318,
0.3344

 98.5267, 0.3143,
0.3295

99.9993, 0.3127,
0.3290

Harmonies

Analogous

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



32.6917, 0.4795, 0.2900



32.6917, 0.5275, 0.3597



32.6917, 0.5018, 0.4349

Triad

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



32.6917, 0.5275, 0.3597



32.6917, 0.2330, 0.4707



32.6917, 0.1845, 0.1727

Complementary

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



32.6917, 0.5275, 0.3597



59.8211, 0.2212, 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.



32.6917, 0.1440, 0.1864



32.6917, 0.5275, 0.3597



32.6917, 0.1645, 0.3413

Square

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



32.6917, 0.5275, 0.3597



32.6917, 0.3294, 0.5371



32.6917, 0.1366, 0.2387



32.6917, 0.2623, 0.1883

Rectangle

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



32.6917, 0.5275, 0.3597



32.6917, 0.4553, 0.4849



32.6917, 0.1366, 0.2387



32.6917, 0.1671, 0.1737

Sweetspot

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



32.6935, 0.5275, 0.3597



72.4967, 0.3530, 0.3397



31.4130, 0.3546, 0.1960



14.8515, 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.



32.6935, 0.5275, 0.3597



27.1734, 0.5821, 0.3556



61.9875, 0.4480, 0.4437



18.5564, 0.3290, 0.3337



12.4348, 0.6191, 0.3466



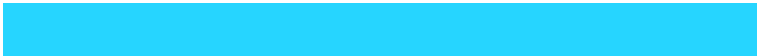
1.3531, 0.5988, 0.3627

Inverse Universe

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



59.8211, 0.2212, 0.2849



55.2328, 0.2123, 0.2749



24.9808, 0.1911, 0.1645



19.8482, 0.2980, 0.3243



26.9513, 0.2071, 0.2655



2.7702, 0.2093, 0.2736

Previews

White Background



This preview shows how the Yxy color 32.6917, 0.5275, 0.3597 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 32.6917, 0.5275, 0.3597 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 32.6917, 0.5275, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 32.6917, 0.5275, 0.3597.



This preview shows how white text looks on a background with the Yxy color 32.6917, 0.5275, 0.3597.

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

32.6917, 0.5275, 0.3597

Protanopia

32.7100, 0.3910, 0.4249

Deuteranopia

32.9106, 0.4404, 0.4318



Tritanopia

32.7379, 0.4878, 0.3238

Trichromacy



Original Color

32.6917, 0.5275, 0.3597

Protanomaly

31.2346, 0.4425, 0.3974

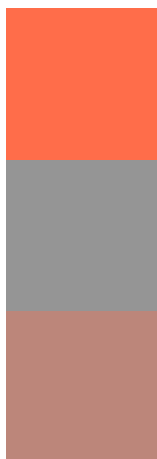
Deuteranomaly

32.0788, 0.4750, 0.4019

Tritanomaly

32.6572, 0.5039, 0.3379

Monochromacy



Original Color

32.6917, 0.5275, 0.3597

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1467, 0.3891, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6917, 0.5275, 0.3597 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, 109, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 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, 109, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 74) }
```

Border

The CSS property to change the border of an element to Yxy 32.6917, 0.5275, 0.3597 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, 109, 74) }
```

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

```
.border{ border-color:rgb(255, 109, 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, 109, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6917, 0.5275, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 74) }
```

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

```
.background{ background-color: rgb(255,  
109, 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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