

Converting Colors

Yxy(34.4602, 0.5388, 0.3544)

Have a look what the booklet for
Yxy(34.4602, 0.5388, 0.3544)
contains.

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Color

Yxy(32.0625, 0.5301, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A4A
RGB	255, 106, 74
RGB Percent	100%, 42%, 29%
CMY	0.0000, 0.5843, 0.7096
CMYK	0.00, 0.58, 0.71, 0.00
HSL	11°, 100%, 65%
HSV	11°, 71%, 100%
XYZ	47.6355, 32.0625, 10.1633
YIQ	146.9030, 99.0760, 21.6360

Conversions

Conversions Part 2

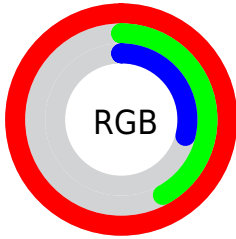
Format	Color
RYB	255, 113, 74
Decimal	16738890
CIELab	63.39, 54.94, 46.16
CIELCh	63, 71.763, 40.037
Yxy	32.0625, 0.5301, 0.3568
Android (android.graphics.Color)	4294928970 (0xFFFF6A4A)
YUV	146.9030, -35.9412, 94.8011
Hunter-Lab	56.6238, 51.0738, 28.9948

Details

The Yxy color **32.0625, 0.5301, 0.3568** 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 **61.4779, 0.2222, 0.2890**, and the grayscale version is **29.2553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5559, 0.4387, 0.3685**, and **13.4367, 0.5900, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **27.9741, 0.5708, 0.3546**, and if you desaturate by 10%, it is **37.3473, 0.4871, 0.3560**.

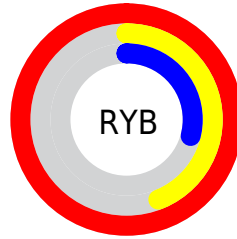
Distribution



Red (100%)

Green (42%)

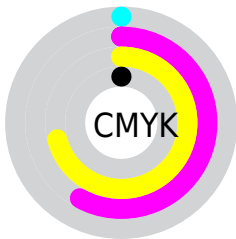
Blue (29%)



Red (100%)

Yellow (44%)

Blue (29%)

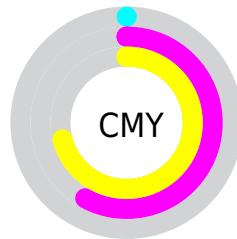


Cyan (0%)

Magenta (58%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0625, 0.5301, 0.3568 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 32.0625, 0.5301, 0.3568 by changing the saturation by 10% instead.


 32.0625, 0.5301,
0.3568


 32.0625, 0.5301,
0.3568


311.4039, 0.4173,
0.3532


 21.4092, 0.5573,
0.3535


 62.9091, 0.4893,
0.3585


 13.4235, 0.5907,
0.3468


 83.8711, 0.4738,
0.3582

 7.7208, 0.6317,
0.3338


 109.0383, 0.4607,
0.3575

 3.9168, 0.6879,
0.3121

 138.7949, 0.4495,
0.3567

 1.6271, 0.7369,
0.2631

 173.5254, 0.4398,
0.3559

 0.3758, 0.8433,
0.1567

213.6141, 0.4313,


 0.0000, 1.0000,

0.3550


0.0000

259.4455, 0.4239,
0.3541


 0.0000, 0.0000,
0.0000


 32.0625, 0.5301,
0.3568


 32.0625, 0.5301,
0.3568

 27.9741, 0.5708,
0.3546


 37.3473, 0.4871,
0.3560

 24.9885, 0.6040,
0.3491


 43.9174, 0.4463,
0.3530

 23.1388, 0.6243,
0.3425

 51.8495, 0.4100,
0.3487

 61.2151, 0.3790,
0.3438

 72.0806, 0.3531,
0.3388

 84.5082, 0.3318,
0.3339

 98.5566, 0.3142,
0.3294

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.



32.0625, 0.4788, 0.2869



32.0625, 0.5301, 0.3568



32.0625, 0.5059, 0.4326

Triad

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



32.0625, 0.5301, 0.3568



32.0625, 0.2349, 0.4774



32.0625, 0.1808, 0.1708

Complementary

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



32.0625, 0.5301, 0.3568



61.4779, 0.2222, 0.2890

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.



32.0625, 0.1413, 0.1858



32.0625, 0.5301, 0.3568



32.0625, 0.1643, 0.3460

Square

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



32.0625, 0.5301, 0.3568



32.0625, 0.3328, 0.5408



32.0625, 0.1350, 0.2400



32.0625, 0.2580, 0.1857

Rectangle

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



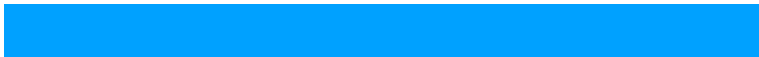
32.0625, 0.5301, 0.3568



32.0625, 0.4596, 0.4837



32.0625, 0.1350, 0.2400



32.0625, 0.1637, 0.1722

Sweetspot

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



32.0614, 0.5301, 0.3568



72.0399, 0.3532, 0.3388



31.5903, 0.3512, 0.1937



14.7448, 0.3599, 0.3402



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.



32.0614, 0.5301, 0.3568



26.6427, 0.5854, 0.3528



60.6418, 0.4504, 0.4411



18.5055, 0.3290, 0.3333



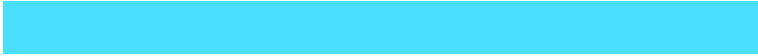
12.2397, 0.6220, 0.3443



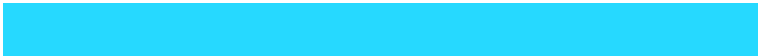
1.3269, 0.6024, 0.3599

Inverse Universe

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



61.4779, 0.2222, 0.2890



57.1222, 0.2137, 0.2799



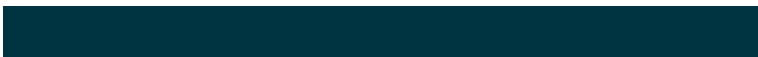
25.8272, 0.1921, 0.1685



19.9036, 0.2980, 0.3247



28.0494, 0.2087, 0.2715



2.8676, 0.2108, 0.2787

Previews

White Background



This preview shows how the Yxy color 32.0625, 0.5301, 0.3568 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 32.0625, 0.5301, 0.3568 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 32.0625, 0.5301, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 32.0625, 0.5301, 0.3568.



This preview shows how white text looks on a background with the Yxy color 32.0625, 0.5301, 0.3568.

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

32.0625, 0.5301, 0.3568

Protanopia

32.2844, 0.3897, 0.4227

Deuteranopia

32.0158, 0.4410, 0.4315



Tritanopia

32.0646, 0.4935, 0.3239

Trichromacy



Original Color

32.0625, 0.5301, 0.3568

Protanomaly

30.8108, 0.4423, 0.3965

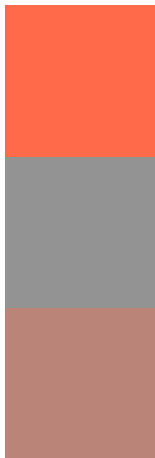
Deuteranomaly

30.9461, 0.4770, 0.4002

Tritanomaly

32.0052, 0.5084, 0.3369

Monochromacy



Original Color

32.0625, 0.5301, 0.3568

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.2977, 0.3902, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0625, 0.5301, 0.3568 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, 106, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 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, 106, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 74) }
```

Border

The CSS property to change the border of an element to Yxy 32.0625, 0.5301, 0.3568 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, 106, 74) }
```

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

```
.border{ border-color:rgb(255, 106, 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, 106, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
74) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.0625, 0.5301, 0.3568$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 74) }
```

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

```
.background{ background-color: rgb(255,  
106, 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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