

Converting Colors

$Y_{xy}(30.0074, 0.5473, 0.3541)$

Have a look what the booklet for
Yxy(30.0074, 0.5473, 0.3541)
contains.

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Color

Yxy(30.0074, 0.5473, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	FF6041
RGB	255, 96, 65
RGB Percent	100%, 38%, 25%
CMY	0.0000, 0.6235, 0.7449
CMYK	0.00, 0.62, 0.74, 0.00
HSL	10°, 100%, 63%
HSV	10°, 74%, 100%
XYZ	46.3797, 30.0074, 8.3556
YIQ	140.0070, 104.7150, 24.0670

Conversions

Conversions Part 2

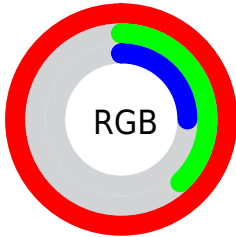
Format	Color
R _Y B	255, 102, 65
Decimal	16736321
CIE Lab	61.66, 58.90, 48.91
CIE LCh	62, 76.555, 39.706
Yxy	30.0074, 0.5473, 0.3541
Android (android.graphics.Color)	4294926401 (0xFFFF6041)
YUV	140.0070, -36.9785, 100.8489
Hunter-Lab	54.7790, 55.2672, 29.3016

Details

The Yxy color **30.0074, 0.5473, 0.3541** 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 **61.6819, 0.2206, 0.2901**, and the grayscale version is **26.3462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9543, 0.4536, 0.3670**, and **12.3189, 0.6122, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **26.3958, 0.5862, 0.3508**, and if you desaturate by 10%, it is **34.8109, 0.5040, 0.3544**.

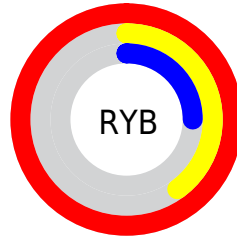
Distribution



Red (100%)

Green (38%)

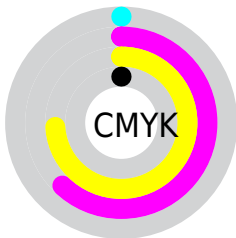
Blue (25%)



Red (100%)

Yellow (40%)

Blue (25%)

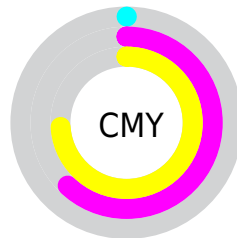


Cyan (0%)

Magenta (62%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0074, 0.5473, 0.3541 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 30.0074, 0.5473, 0.3541 by changing the saturation by 10% instead.


 30.0074, 0.5473,
0.3541

 30.0074, 0.5473,
0.3541


301.9389, 0.4253,
0.3538


 19.8442, 0.5763,
0.3492


 59.6739, 0.5034,
0.3576


 12.2818, 0.6115,
0.3399


 79.9460, 0.4866,
0.3577


 6.9359, 0.6570,
0.3245


 104.3564, 0.4724,
0.3575

 3.4221, 0.7064,
0.2936

 133.2897, 0.4602,
0.3569

 1.3558, 0.7602,
0.2398

 167.1303, 0.4497,
0.3562

 0.1838, 0.9106,
0.0894

206.2624, 0.4405,

 0.0000, 1.0000,

0.3554

0.0000


251.0705, 0.4325,
0.3546

 0.0000, 0.0000,
0.0000


 30.0074, 0.5473,
0.3541


 30.0074, 0.5473,
0.3541


 26.3958, 0.5862,
0.3508


 34.8109, 0.5040,
0.3544

 23.8666, 0.6152,
0.3446


 40.8978, 0.4616,
0.3523


 22.8844, 0.6264,
0.3409

 48.3533, 0.4230,
0.3487

 57.2542, 0.3898,
0.3443

 67.6720, 0.3619,
0.3397

 79.6730, 0.3389,
0.3351

 93.3198, 0.3200,
0.3308

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.



30.0074, 0.4924, 0.2815



30.0074, 0.5473, 0.3541



30.0074, 0.5188, 0.4341

Triad

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



30.0074, 0.5473, 0.3541



30.0074, 0.2279, 0.4946



30.0074, 0.1710, 0.1606

Complementary

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



30.0074, 0.5473, 0.3541



61.6819, 0.2206, 0.2901

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.



30.0074, 0.1304, 0.1758



30.0074, 0.5473, 0.3541



30.0074, 0.1535, 0.3476

Square

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



30.0074, 0.5473, 0.3541



30.0074, 0.3319, 0.5608



30.0074, 0.1236, 0.2324



30.0074, 0.2519, 0.1760

Rectangle

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



30.0074, 0.5473, 0.3541



30.0074, 0.4677, 0.4904



30.0074, 0.1236, 0.2324



30.0074, 0.1534, 0.1619

Sweetspot

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



30.0082, 0.5473, 0.3541



70.5110, 0.3558, 0.3385



30.5650, 0.3499, 0.1878



14.4318, 0.3625, 0.3398



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.



30.0082, 0.5473, 0.3541



25.1284, 0.6008, 0.3483



57.8298, 0.4598, 0.4411



18.4650, 0.3290, 0.3329



12.0974, 0.6242, 0.3426



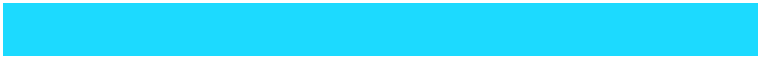
1.3072, 0.6051, 0.3578

Inverse Universe

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



61.6819, 0.2206, 0.2901



57.6196, 0.2131, 0.2815



24.7211, 0.1882, 0.1637



19.9477, 0.2980, 0.3250



28.9438, 0.2100, 0.2761



2.9466, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 30.0074, 0.5473, 0.3541 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0074, 0.5473, 0.3541 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 30.0074, 0.5473, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 30.0074, 0.5473, 0.3541.



This preview shows how white text looks on a background with the Yxy color 30.0074, 0.5473, 0.3541.

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

30.0074, 0.5473, 0.3541

Protanopia

29.9966, 0.3946, 0.4292

Deuteranopia

30.0609, 0.4470, 0.4390



Tritanopia

29.9705, 0.5138, 0.3252

Trichromacy



Original Color

30.0074, 0.5473, 0.3541

Protanomaly

28.3574, 0.4533, 0.3978

Deuteranomaly

28.8319, 0.4881, 0.4022

Tritanomaly

29.9373, 0.5274, 0.3365

Monochromacy



Original Color

30.0074, 0.5473, 0.3541

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5526, 0.3982, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0074, 0.5473, 0.3541 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, 96, 65)` looks like.

```
.text, #text, p{  
  color:rgb(255, 96, 65)  
}
```

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, 96, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 65) }
```

Border

The CSS property to change the border of an element to Yxy 30.0074, 0.5473, 0.3541 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, 96, 65) }
```

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

```
.border{ border-color:rgb(255, 96, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 96, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0074, 0.5473, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 65) }
```

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

```
.background{ background-color: rgb(255, 96,  
65) }
```

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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