

Converting Colors

$Yxy(30.6832, 0.5256, 0.3628)$

Have a look what the booklet for
Yxy(30.6832, 0.5256, 0.3628)
contains.

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Color

Yxy(30.7602, 0.5256, 0.3635)

Conversions

Conversions Part 1

Format	Color
Hex	F66C46
RGB	246, 108, 70
RGB Percent	96%, 42%, 27%
CMY	0.0352, 0.5765, 0.7256
CMYK	0.00, 0.56, 0.72, 0.04
HSL	13°, 91%, 62%
HSV	13°, 72%, 96%
XYZ	44.4775, 30.7602, 9.3846
YIQ	144.9300, 94.4460, 17.4380

Conversions

Conversions Part 2

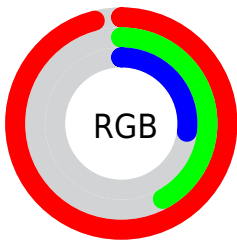
Format	Color
R _Y B	246, 118, 70
Decimal	16149574
CIE Lab	62.30, 50.66, 46.66
CIE LCh	62, 68.878, 42.646
Yxy	30.7602, 0.5256, 0.3635
Android (android.graphics.Color)	4294339654 (0xFFFF66C46)
YUV	144.9300, -36.9405, 88.6384
Hunter-Lab	55.4619, 46.0892, 28.7910

Details

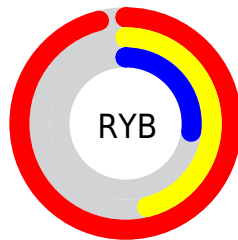
The Yxy color **30.7602, 0.5256, 0.3635** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **53.0682, 0.2195, 0.2793**, and the grayscale version is **28.4094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8105, 0.4417, 0.3735**, and **12.6714, 0.5864, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **26.8841, 0.5649, 0.3613**, and if you desaturate by 10%, it is **35.6668, 0.4843, 0.3623**.

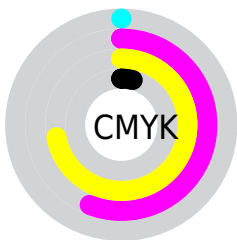
Distribution



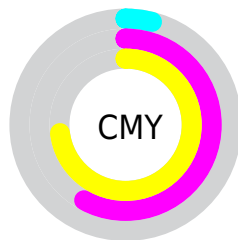
- Red (96%)
- Green (42%)
- Blue (27%)



- Red (96%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (72%)
- Black (4%)





- Cyan (4%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7602, 0.5256, 0.3635 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 30.7602, 0.5256, 0.3635 by changing the saturation by 10% instead.


 30.7602, 0.5256,
0.3635


 30.7602, 0.5256,
0.3635


305.4320, 0.4146,
0.3562

 20.4163, 0.5525,
0.3610


 60.8623, 0.4853,
0.3639


 12.6980, 0.5855,
0.3551


 81.3894, 0.4701,
0.3631

 7.2209, 0.6268,
0.3431


 106.0796, 0.4572,
0.3620

 3.6007, 0.6796,
0.3204

 135.3174, 0.4461,
0.3608

 1.4528, 0.7293,
0.2707

 169.4871, 0.4366,
0.3596

 0.2551, 0.8663,
0.1337

208.9732, 0.4283,

 0.0000, 1.0000,

0.3585

0.0000

254.1600, 0.4210,
0.3573

0.0000, 0.0000,
0.0000

30.7602, 0.5256,
0.3635

30.7602, 0.5256,
0.3635

26.8841, 0.5649,
0.3613

35.6668, 0.4843,
0.3623

23.9568, 0.5974,
0.3552


41.6672, 0.4450,
0.3585


22.1531, 0.6173,
0.3481


48.8254, 0.4098,
0.3533

57.1988, 0.3795,
0.3473

66.8410, 0.3540,
0.3413

 77.8023, 0.3327,
0.3354

 90.1302, 0.3152,
0.3298

 98.3353, 0.3072,
0.3290

Harmonies

Analogous

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



30.7602, 0.4817, 0.2939



30.7602, 0.5256, 0.3635



30.7602, 0.4973, 0.4382

Triad

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



30.7602, 0.5256, 0.3635



30.7602, 0.2298, 0.4630



30.7602, 0.1887, 0.1741

Complementary

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



30.7602, 0.5256, 0.3635



53.0682, 0.2195, 0.2793

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.



30.7602, 0.1467, 0.1863



30.7602, 0.5256, 0.3635



30.7602, 0.1636, 0.3351

Square

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



30.7602, 0.5256, 0.3635



30.7602, 0.3246, 0.5337



30.7602, 0.1377, 0.2360



30.7602, 0.2678, 0.1911

Rectangle

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



30.7602, 0.5256, 0.3635



30.7602, 0.4502, 0.4873



30.7602, 0.1377, 0.2360



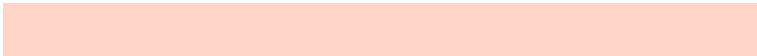
30.7602, 0.1708, 0.1747

Sweetspot

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



30.7619, 0.5256, 0.3635



73.0938, 0.3528, 0.3409



28.6672, 0.3584, 0.1978



14.9911, 0.3593, 0.3426



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.



30.7619, 0.5256, 0.3635



27.5808, 0.5810, 0.3589



58.2679, 0.4463, 0.4466



17.0625, 0.3288, 0.3342



11.9889, 0.6147, 0.3501



1.1985, 0.5914, 0.3686

Inverse Universe

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



53.0682, 0.2195, 0.2793



52.5274, 0.2100, 0.2675



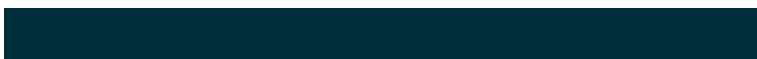
22.0708, 0.1895, 0.1595



18.1149, 0.2980, 0.3238



24.0943, 0.2050, 0.2579



2.2649, 0.2077, 0.2678

Previews

White Background



This preview shows how the Yxy color 30.7602, 0.5256, 0.3635 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 30.7602, 0.5256, 0.3635 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 30.7602, 0.5256, 0.3635

Background



This preview shows how black text looks on a background with the Yxy color 30.7602, 0.5256, 0.3635.



This preview shows how white text looks on a background with the Yxy color 30.7602, 0.5256, 0.3635.

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

30.7602, 0.5256, 0.3635

Protanopia

30.8803, 0.3937, 0.4282

Deuteranopia

30.9857, 0.4421, 0.4337



Tritanopia

30.7827, 0.4861, 0.3226

Trichromacy



Original Color

30.7602, 0.5256, 0.3635

Protanomaly

29.4946, 0.4436, 0.4016

Deuteranomaly

30.1696, 0.4747, 0.4050

Tritanomaly

30.7035, 0.5023, 0.3391

Monochromacy



Original Color

30.7602, 0.5256, 0.3635

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7556, 0.3879, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7602, 0.5256, 0.3635 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(246, 108, 70)` looks like.

```
.text, #text, p{  
    color:rgb(246, 108, 70)  
}
```

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(246, 108, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 108, 70) }
```

Border

The CSS property to change the border of an element to Yxy 30.7602, 0.5256, 0.3635 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(246, 108, 70) }
```

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

```
.border{ border-color:rgb(246, 108, 70) }
```

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

Here you see how a box with a 4 pixel rgb(246, 108, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 108, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 108, 70);  
box-shadow:4px 4px 4px 4px rgb(246, 108,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7602, 0.5256, 0.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 108, 70) }
```

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

```
.background{ background-color: rgb(246,  
108, 70) }
```

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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