

Converting Colors

Yxy(37.4652, 0.5058, 0.4112)

Have a look what the booklet for
Yxy(37.4652, 0.5058, 0.4112)
contains.

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Color

Yxy(37.3794, 0.5059, 0.4107)

Conversions

Conversions Part 1

Format	Color
Hex	F18B30
RGB	241, 139, 48
RGB Percent	95%, 55%, 19%
CMY	0.0549, 0.4549, 0.8115
CMYK	0.00, 0.42, 0.80, 0.05
HSL	28°, 87%, 57%
HSV	28°, 80%, 95%
XYZ	46.0439, 37.3794, 7.5906
YIQ	159.1240, 90.0030, -6.6770

Conversions

Conversions Part 2

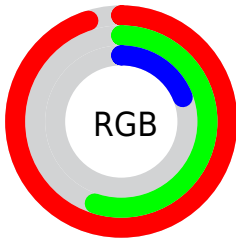
Format	Color
R _Y B	241, 220, 48
Decimal	15829808
CIE Lab	67.56, 32.51, 61.76
CIE LCh	68, 69.793, 62.235
Yxy	37.3794, 0.5059, 0.4107
Android (android.graphics.Color)	4294019888 (0xFFFF18B30)
YUV	159.1240, -54.7841, 71.8053
Hunter-Lab	61.1387, 27.4367, 35.4361

Details

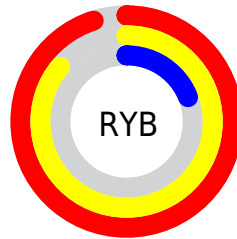
The Yxy color **37.3794, 0.5059, 0.4107** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **28.8131, 0.1944, 0.1999**, and the grayscale version is **34.9593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3395, 0.4362, 0.4200**, and **16.5632, 0.5428, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **33.7560, 0.5309, 0.4079**, and if you desaturate by 10%, it is **41.5447, 0.4778, 0.4081**.

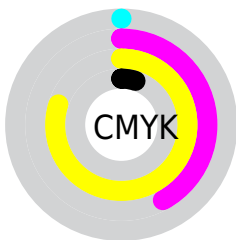
Distribution



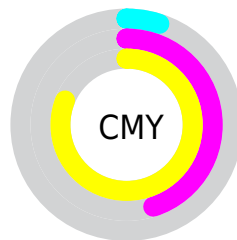
- Red (95%)
- Green (55%)
- Blue (19%)



- Red (95%)
- Yellow (86%)
- Blue (19%)



- Cyan (0%)
- Magenta (42%)
- Yellow (80%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3794, 0.5059, 0.4107 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 37.3794, 0.5059, 0.4107 by changing the saturation by 10% instead.


 37.3794, 0.5059,
0.4107


 37.3794, 0.5059,
0.4107


334.9502, 0.4115,
0.3811

 25.5014, 0.5262,
0.4131

 71.1559, 0.4736,
0.4035

 16.4510, 0.5496,
0.4130


 93.8232, 0.4607,
0.3997


 9.8438, 0.5801,
0.4111


 120.8557, 0.4496,
0.3960

 5.2955, 0.6055,
0.3945

 152.6378, 0.4399,
0.3925

 2.4217, 0.6359,
0.3641

 189.5539, 0.4315,
0.3893

 0.8370, 0.6864,
0.3136

 231.9884, 0.4240,

 0.0000, 1.0000,

0.3863

0.0000

280.3257, 0.4174,
0.3836

■ 0.0000, 0.0000,
0.0000

■ 37.3794, 0.5059,
0.4107

■ 37.3794, 0.5059,
0.4107

■ 33.7560, 0.5309,
0.4079

■ 41.5447, 0.4778,
0.4081


■ 30.6451, 0.5517,
0.4002

■ 46.2754, 0.4487,
0.4011


■ 51.5996, 0.4202,
0.3910


■ 57.5414, 0.3936,
0.3790

■ 64.1231, 0.3694,
0.3662

 71.3658, 0.3480,
0.3533

 79.2894, 0.3292,
0.3409

 87.9129, 0.3128,
0.3291

 96.5959, 0.3042,
0.3277

Harmonies

Analogous

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



37.3794, 0.5093, 0.3398



37.3794, 0.5059, 0.4107



37.3794, 0.4470, 0.4811

Triad

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



37.3794, 0.5059, 0.4107



37.3794, 0.1881, 0.3773



37.3794, 0.2396, 0.1877

Complementary

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



37.3794, 0.5059, 0.4107



28.8131, 0.1944, 0.1999

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.



37.3794, 0.1758, 0.1808



37.3794, 0.5059, 0.4107



37.3794, 0.1491, 0.2684

Square

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



37.3794, 0.5059, 0.4107



37.3794, 0.2642, 0.4887



37.3794, 0.1463, 0.2045



37.3794, 0.3371, 0.2206

Rectangle

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



37.3794, 0.5059, 0.4107



37.3794, 0.3901, 0.5157



37.3794, 0.1463, 0.2045



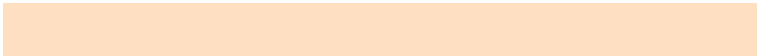
37.3794, 0.2143, 0.1824

Sweetspot

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



37.3814, 0.5059, 0.4107



77.7326, 0.3563, 0.3585



23.0534, 0.4405, 0.2366



16.0129, 0.3640, 0.3631



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.



37.3814, 0.5059, 0.4107



36.0981, 0.5442, 0.4034



78.0876, 0.4180, 0.4915



16.9875, 0.3281, 0.3402



16.8829, 0.5490, 0.4023



1.6022, 0.5276, 0.4193

Inverse Universe

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



28.8131, 0.1944, 0.1999



25.9297, 0.1814, 0.1710



9.6652, 0.1643, 0.0861



16.6121, 0.2980, 0.3176



12.0047, 0.1799, 0.1675



1.1978, 0.1862, 0.1903

Previews

White Background



This preview shows how the Yxy color 37.3794, 0.5059, 0.4107 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 37.3794, 0.5059, 0.4107 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 37.3794, 0.5059, 0.4107

Background



This preview shows how black text looks on a background with the Yxy color 37.3794, 0.5059, 0.4107.



This preview shows how white text looks on a background with the Yxy color 37.3794, 0.5059, 0.4107.

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

37.3794, 0.5059, 0.4107

Protanopia

37.5004, 0.4232, 0.4647

Deuteranopia

37.5394, 0.4598, 0.4520



Tritanopia

37.4222, 0.4327, 0.3197

Trichromacy



Original Color

37.3794, 0.5059, 0.4107

Protanomaly

37.0040, 0.4535, 0.4453

Deuteranomaly

37.0546, 0.4772, 0.4358

Tritanomaly

37.0488, 0.4662, 0.3577

Monochromacy



Original Color

37.3794, 0.5059, 0.4107

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6072, 0.3846, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3794, 0.5059, 0.4107 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(241, 139, 48)` looks like.

```
.text, #text, p{  
    color:rgb(241, 139, 48)  
}
```

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(241, 139, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 139, 48) }
```

Border

The CSS property to change the border of an element to Yxy 37.3794, 0.5059, 0.4107 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(241, 139, 48) }
```

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

```
.border{ border-color:rgb(241, 139, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 139, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 139, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 139, 48);  
box-shadow:4px 4px 4px 4px rgb(241, 139,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3794, 0.5059, 0.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 139, 48) }
```

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

```
.background{ background-color: rgb(241,  
139, 48) }
```

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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