

Converting Colors

Yxy(37.9621, 0.4933, 0.3959)

Have a look what the booklet for
Yxy(37.9621, 0.4933, 0.3959)
contains.

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Color

Yxy(37.9621, 0.4933, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	F38B46
RGB	243, 139, 70
RGB Percent	95%, 55%, 27%
CMY	0.0470, 0.4549, 0.7256
CMYK	0.00, 0.43, 0.71, 0.05
HSL	24°, 88%, 61%
HSV	24°, 71%, 95%
XYZ	47.3016, 37.9621, 10.6244
YIQ	162.2300, 84.1330, 0.5890

Conversions

Conversions Part 2

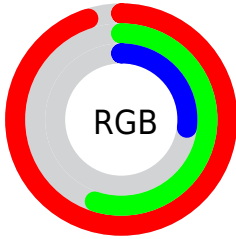
Format	Color
R _Y B	243, 185, 70
Decimal	15960902
CIE Lab	67.99, 34.19, 52.74
CIE LCh	68, 62.854, 57.042
Yxy	37.9621, 0.4933, 0.3959
Android (android.graphics.Color)	4294150982 (0xFFFF38B46)
YUV	162.2300, -45.4694, 70.8353
Hunter-Lab	61.6134, 29.2139, 32.9056

Details

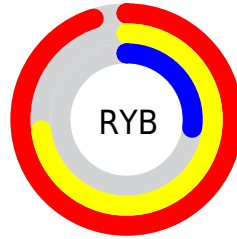
The Yxy color **37.9621, 0.4933, 0.3959** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **38.0370, 0.2086, 0.2345**, and the grayscale version is **36.4327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7804, 0.4223, 0.4025**, and **16.8469, 0.5377, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **33.7657, 0.5248, 0.3964**, and if you desaturate by 10%, it is **42.8517, 0.4606, 0.3910**.

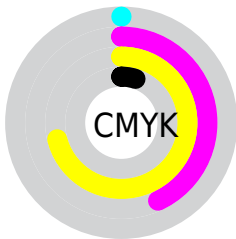
Distribution



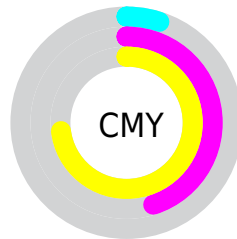
- Red (95%)
- Green (55%)
- Blue (27%)



- Red (95%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (43%)
- Yellow (71%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9621, 0.4933, 0.3959 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 37.9621, 0.4933, 0.3959 by changing the saturation by 10% instead.

 37.9621, 0.4933,
0.3959


 37.9621, 0.4933,
0.3959


337.4574, 0.4030,
0.3709

 25.9533, 0.5140,
0.3984


 72.0500, 0.4615,
0.3894


 16.7887, 0.5389,
0.3993

 94.8980, 0.4491,
0.3862

 10.0839, 0.5685,
0.3964


 122.1277, 0.4386,
0.3831

 5.4547, 0.6098,
0.3902

 154.1236, 0.4295,
0.3802

 2.5164, 0.6407,
0.3593

 191.2702, 0.4216,
0.3776

 0.8848, 0.6913,
0.3087

233.9517, 0.4146,

 0.0000, 1.0000,

0.3752

0.0000

282.5526, 0.4085,
0.3730

■ 0.0000, 0.0000,
0.0000

■ 37.9621, 0.4933,
0.3959

■ 37.9621, 0.4933,
0.3959

■ 33.7657, 0.5248,
0.3964

■ 42.8517, 0.4606,
0.3910

■ 30.2182, 0.5526,
0.3915

■ 48.4629, 0.4290,
0.3828


■ 27.5948, 0.5728,
0.3834


■ 54.8293, 0.3999,
0.3728

■ 61.9803, 0.3739,
0.3620

■ 69.9434, 0.3511,
0.3510

 78.7450, 0.3314,
0.3403

 88.4098, 0.3146,
0.3302

 97.7960, 0.3054,
0.3290

Harmonies

Analogous

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



37.9621, 0.4835, 0.3305



37.9621, 0.4933, 0.3959



37.9621, 0.4490, 0.4599

Triad

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



37.9621, 0.4933, 0.3959



37.9621, 0.2102, 0.3915



37.9621, 0.2342, 0.1962

Complementary

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



37.9621, 0.4933, 0.3959



38.0370, 0.2086, 0.2345

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.



37.9621, 0.1803, 0.1948



37.9621, 0.4933, 0.3959



37.9621, 0.1668, 0.2904

Square

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



37.9621, 0.4933, 0.3959



37.9621, 0.2852, 0.4812



37.9621, 0.1579, 0.2237



37.9621, 0.3186, 0.2229

Rectangle

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



37.9621, 0.4933, 0.3959



37.9621, 0.4002, 0.4925



37.9621, 0.1579, 0.2237



37.9621, 0.2126, 0.1928

Sweetspot

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



37.9641, 0.4933, 0.3959



78.1736, 0.3508, 0.3508



26.5948, 0.3997, 0.2259



16.1853, 0.3568, 0.3538



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.



37.9641, 0.4933, 0.3959



35.9975, 0.5366, 0.3951



72.1772, 0.4212, 0.4720



17.5674, 0.3284, 0.3385



15.3904, 0.5700, 0.3856



1.5478, 0.5471, 0.4038

Inverse Universe

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



38.0370, 0.2086, 0.2345



35.8389, 0.1955, 0.2126



15.1126, 0.1804, 0.1219



17.5838, 0.2980, 0.3193



15.1154, 0.1869, 0.1927



1.5291, 0.1921, 0.2115

Previews

White Background



This preview shows how the Yxy color 37.9621, 0.4933, 0.3959 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 37.9621, 0.4933, 0.3959 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 37.9621, 0.4933, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 37.9621, 0.4933, 0.3959.



This preview shows how white text looks on a background with the Yxy color 37.9621, 0.4933, 0.3959.

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

37.9621, 0.4933, 0.3959

Protanopia

38.0128, 0.4068, 0.4446

Deuteranopia

38.1008, 0.4456, 0.4363



Tritanopia

37.9298, 0.4308, 0.3187

Trichromacy



Original Color

37.9621, 0.4933, 0.3959

Protanomaly

37.2641, 0.4385, 0.4262

Deuteranomaly

37.7541, 0.4634, 0.4206

Tritanomaly

37.8808, 0.4577, 0.3494

Monochromacy



Original Color

37.9621, 0.4933, 0.3959

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7725, 0.3757, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9621, 0.4933, 0.3959 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(243, 139, 70)` looks like.

```
.text, #text, p{  
    color:rgb(243, 139, 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(243, 139, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 139, 70) }
```

Border

The CSS property to change the border of an element to Yxy 37.9621, 0.4933, 0.3959 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(243, 139, 70) }
```

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

```
.border{ border-color:rgb(243, 139, 70) }
```

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

Here you see how a box with a 4 pixel rgb(243, 139, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 139, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 139, 70);  
box-shadow:4px 4px 4px 4px rgb(243, 139,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9621, 0.4933, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 139, 70) }
```

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

```
.background{ background-color: rgb(243,  
139, 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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