

Converting Colors

Yxy(38.2554, 0.5219, 0.3998)

Have a look what the booklet for
Yxy(38.2554, 0.5219, 0.3998)
contains.

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Color

Yxy(38.3263, 0.5216, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	FE862F
RGB	254, 134, 47
RGB Percent	100%, 53%, 18%
CMY	0.0039, 0.4745, 0.8157
CMYK	0.00, 0.47, 0.82, 0.00
HSL	25°, 99%, 59%
HSV	25°, 82%, 100%
XYZ	49.9151, 38.3263, 7.4547
YIQ	159.9620, 99.4470, -1.6170

Conversions

Conversions Part 2

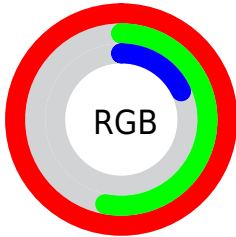
Format	Color
R _{YB}	254, 197, 47
Decimal	16680495
CIE Lab	68.26, 40.21, 63.46
CIE LCh	68, 75.123, 57.641
Yxy	38.3263, 0.5216, 0.4005
Android (android.graphics.Color)	4294870575 (0xFFFE862F)
YUV	159.9620, -55.6903, 82.4713
Hunter-Lab	61.9082, 35.5808, 36.1963

Details

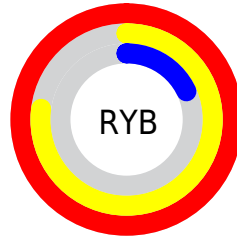
The Yxy color **38.3263, 0.5216, 0.4005** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **35.3999, 0.1967, 0.2118**, and the grayscale version is **35.3631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5753, 0.4397, 0.4171**, and **16.9817, 0.5610, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **34.3885, 0.5483, 0.3957**, and if you desaturate by 10%, it is **42.9541, 0.4912, 0.3998**.

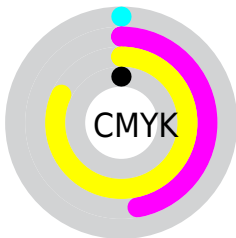
Distribution



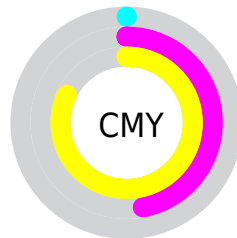
- Red (100%)
- Green (53%)
- Blue (18%)



- Red (100%)
- Yellow (77%)
- Blue (18%)



- Cyan (0%)
- Magenta (47%)
- Yellow (82%)
- Black (0%)




- Cyan (0%)
- Magenta (47%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3263, 0.5216, 0.4005 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 38.3263, 0.5216, 0.4005 by changing the saturation by 10% instead.


 38.3263, 0.5216,
0.4005


 38.3263, 0.5216,
0.4005


339.0176, 0.4201,
0.3780


 26.2360, 0.5432,
0.4008


 72.6080, 0.4870,
0.3962

 17.0003, 0.5682,
0.3980


 95.5682, 0.4732,
0.3934


 10.2347, 0.6006,
0.3926

 122.9205, 0.4612,
0.3905

 5.5549, 0.6278,
0.3722

 155.0494, 0.4508,
0.3877

 2.5763, 0.6619,
0.3381

 192.3391, 0.4417,
0.3851

 0.9148, 0.7161,
0.2839

 235.1741, 0.4336,

 0.0000, 1.0000,

0.3825

0.0000

283.9389, 0.4265,
0.3802

■ 0.0000, 0.0000,
0.0000

■ 38.3263, 0.5216,
0.4005

■ 38.3263, 0.5216,
0.4005

■ 34.3885, 0.5483,
0.3957

■ 42.9541, 0.4912,
0.3998

■ 31.5385, 0.5671,
0.3879


■ 48.3057, 0.4595,
0.3946

■ 54.4189, 0.4286,
0.3861

■ 61.3265, 0.4000,
0.3755

■ 69.0591, 0.3742,
0.3641

 77.6452, 0.3516,
0.3525

 87.1120, 0.3320,
0.3412

 97.4854, 0.3150,
0.3305

99.8135, 0.3121,
0.3290

Harmonies

Analogous

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



38.3263, 0.5158, 0.3276



38.3263, 0.5216, 0.4005



38.3263, 0.4647, 0.4767

Triad

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



38.3263, 0.5216, 0.4005



38.3263, 0.1902, 0.4007



38.3263, 0.2224, 0.1777

Complementary

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



38.3263, 0.5216, 0.4005



35.3999, 0.1967, 0.2118

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.



38.3263, 0.1618, 0.1747



38.3263, 0.5216, 0.4005



38.3263, 0.1441, 0.2783

Square

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



38.3263, 0.5216, 0.4005



38.3263, 0.2745, 0.5138



38.3263, 0.1365, 0.2042



38.3263, 0.3205, 0.2080

Rectangle

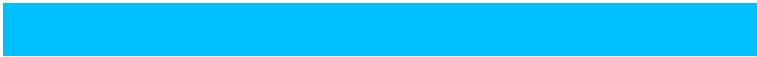
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.3263, 0.5216, 0.4005



38.3263, 0.4066, 0.5195



38.3263, 0.1365, 0.2042



38.3263, 0.1979, 0.1735

Sweetspot

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



38.3284, 0.5216, 0.4005



76.0816, 0.3570, 0.3554



25.9236, 0.4285, 0.2270



15.6191, 0.3650, 0.3595



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.



38.3284, 0.5216, 0.4005



32.4509, 0.5629, 0.3898



81.7093, 0.4262, 0.4864



19.2417, 0.3284, 0.3390



16.9018, 0.5643, 0.3902



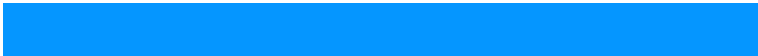
1.8560, 0.5440, 0.4063

Inverse Universe

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



35.3999, 0.1967, 0.2118



29.0563, 0.1851, 0.1854



11.4548, 0.1643, 0.0900



19.1271, 0.2979, 0.3188



15.1133, 0.1847, 0.1848



1.6878, 0.1897, 0.2028

Previews

White Background



This preview shows how the Yxy color 38.3263, 0.5216, 0.4005 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 38.3263, 0.5216, 0.4005 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 38.3263, 0.5216, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 38.3263, 0.5216, 0.4005.



This preview shows how white text looks on a background with the Yxy color 38.3263, 0.5216, 0.4005.

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

38.3263, 0.5216, 0.4005

Protanopia

38.4878, 0.4228, 0.4646

Deuteranopia

38.2889, 0.4632, 0.4531



Tritanopia

38.2163, 0.4464, 0.3202

Trichromacy



Original Color

38.3263, 0.5216, 0.4005

Protanomaly

37.5486, 0.4597, 0.4401

Deuteranomaly

37.8237, 0.4859, 0.4323

Tritanomaly

38.2247, 0.4803, 0.3549

Monochromacy



Original Color

38.3263, 0.5216, 0.4005

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9345, 0.3905, 0.3723

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3263, 0.5216, 0.4005 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(254, 134, 47)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 47)  
}
```

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(254, 134, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 47) }
```

Border

The CSS property to change the border of an element to Yxy 38.3263, 0.5216, 0.4005 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(254, 134, 47) }
```

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

```
.border{ border-color:rgb(254, 134, 47) }
```

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

Here you see how a box with a 4 pixel rgb(254, 134, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 47);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3263, 0.5216, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 134, 47) }
```

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

```
.background{ background-color: rgb(254,  
134, 47) }
```

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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