

Converting Colors

Yxy(38.2113, 0.5612, 0.3433)

Have a look what the booklet for
Yxy(38.2113, 0.5612, 0.3433)
contains.

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Color

Yxy(30.1202, 0.5387, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	FF604A
RGB	255, 96, 74
RGB Percent	100%, 38%, 29%
CMY	0.0001, 0.6234, 0.7099
CMYK	0.00, 0.62, 0.71, 0.00
HSL	7°, 100%, 65%
HSV	7°, 71%, 100%
XYZ	46.6525, 30.1202, 9.8293
YIQ	141.0330, 101.8260, 26.8660

Conversions

Conversions Part 2

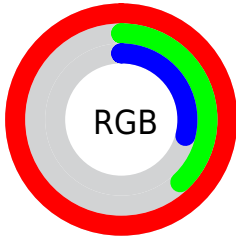
Format	Color
R_{YB}	255, 99, 74
Decimal	16736330
CIE Lab	61.76, 59.25, 44.35
CIE LCh	62, 74.006, 36.814
Yxy	30.1202, 0.5387, 0.3478
Android (android.graphics.Color)	4294926410 (0xFFFF604A)
YUV	141.0330, -33.0473, 99.9491
Hunter-Lab	54.8819, 55.6913, 27.7985

Details

The Yxy color **30.1202, 0.5387, 0.3478** 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 **66.9071, 0.2254, 0.3017**, and the grayscale version is **26.7557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1717, 0.4449, 0.3582**, and **12.3623, 0.6031, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **26.3233, 0.5806, 0.3458**, and if you desaturate by 10%, it is **35.2230, 0.4937, 0.3476**.

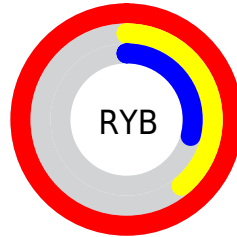
Distribution



Red (100%)

Green (38%)

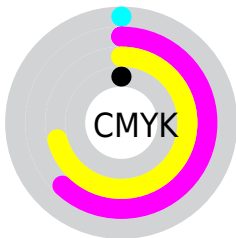
Blue (29%)



Red (100%)

Yellow (39%)

Blue (29%)

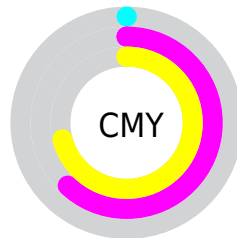


Cyan (0%)

Magenta (62%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1202, 0.5387, 0.3478 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 30.1202, 0.5387, 0.3478 by changing the saturation by 10% instead.


 30.1202, 0.5387,
0.3478


 30.1202, 0.5387,
0.3478


302.4643, 0.4202,
0.3491


 19.9298, 0.5676,
0.3431


 59.8522, 0.4956,
0.3514

 12.3441, 0.6033,
0.3345


 80.1627, 0.4793,
0.3517

 6.9784, 0.6477,
0.3190


 104.6153, 0.4655,
0.3517

 3.4486, 0.7069,
0.2931

 133.5944, 0.4537,
0.3514

 1.3702, 0.7606,
0.2394

 167.4845, 0.4436,
0.3509

 0.1946, 0.9073,
0.0927

206.6699, 0.4348,


 0.0000, 1.0000,


0.3503


0.0000

251.5351, 0.4271,
0.3497

 0.0000, 0.0000,
0.0000

 30.1202, 0.5387,
0.3478

 30.1202, 0.5387,
0.3478

 26.3233, 0.5806,
0.3458

 35.2230, 0.4937,
0.3476

 23.7074, 0.6133,
0.3415


 41.7312, 0.4508,
0.3456

 22.2396, 0.6316,
0.3367

 49.7407, 0.4127,
0.3427

 59.3374, 0.3805,
0.3393

 70.6006, 0.3538,
0.3358

 83.6043, 0.3320,
0.3324

 98.4182, 0.3143,
0.3293

99.9959, 0.3127,
0.3290

Harmonies

Analogous

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



30.1202, 0.4770, 0.2769



30.1202, 0.5387, 0.3478



30.1202, 0.5192, 0.4254

Triad

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



30.1202, 0.5387, 0.3478



30.1202, 0.2402, 0.4992



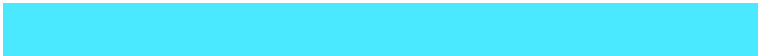
30.1202, 0.1693, 0.1648

Complementary

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



30.1202, 0.5387, 0.3478



66.9071, 0.2254, 0.3017

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.



30.1202, 0.1327, 0.1834



30.1202, 0.5387, 0.3478



30.1202, 0.1633, 0.3611

Square

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



30.1202, 0.5387, 0.3478



30.1202, 0.3430, 0.5524



30.1202, 0.1294, 0.2441



30.1202, 0.2445, 0.1772

Rectangle

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



30.1202, 0.5387, 0.3478



30.1202, 0.4730, 0.4798



30.1202, 0.1294, 0.2441



30.1202, 0.1532, 0.1672

Sweetspot

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



30.1219, 0.5387, 0.3478



70.5981, 0.3538, 0.3358



32.0830, 0.3413, 0.1871



14.4086, 0.3607, 0.3368



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.



30.1219, 0.5387, 0.3478



25.1436, 0.5952, 0.3443



56.6972, 0.4579, 0.4331



18.3435, 0.3291, 0.3320



11.7338, 0.6299, 0.3381



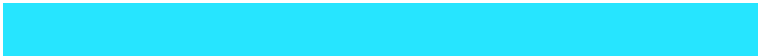
1.2503, 0.6132, 0.3513

Inverse Universe

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



66.9071, 0.2254, 0.3017



63.4473, 0.2179, 0.2957



28.4271, 0.1951, 0.1803



20.0813, 0.2980, 0.3260



31.7574, 0.2139, 0.2900



3.1939, 0.2152, 0.2948

Previews

White Background



This preview shows how the Yxy color 30.1202, 0.5387, 0.3478 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 30.1202, 0.5387, 0.3478 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 30.1202, 0.5387, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 30.1202, 0.5387, 0.3478.



This preview shows how white text looks on a background with the Yxy color 30.1202, 0.5387, 0.3478.

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

30.1202, 0.5387, 0.3478

Protanopia

30.3719, 0.3837, 0.4170

Deuteranopia

30.0419, 0.4385, 0.4300



Tritanopia

30.1663, 0.5119, 0.3251

Trichromacy



Original Color

30.1202, 0.5387, 0.3478

Protanomaly

28.3569, 0.4430, 0.3879

Deuteranomaly

28.7862, 0.4793, 0.3947

Tritanomaly

30.1826, 0.5220, 0.3340

Monochromacy



Original Color

30.1202, 0.5387, 0.3478

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8967, 0.3926, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1202, 0.5387, 0.3478 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 74) }
```

Border

The CSS property to change the border of an element to Yxy 30.1202, 0.5387, 0.3478 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, 74) }
```

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

```
.border{ border-color:rgb(255, 96, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1202, 0.5387, 0.3478 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, 74) }
```

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

```
.background{ background-color: rgb(255, 96,  
74) }
```

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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