

Converting Colors

$Y_{xy}(30.0558, 0.5499, 0.3735)$

Have a look what the booklet for
Yxy(30.0558, 0.5499, 0.3735)
contains.

Yxy(30.0623, 0.5494, 0.3739)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.0623, 0.5494, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	F8682F
RGB	248, 104, 47
RGB Percent	97%, 41%, 18%
CMY	0.0275, 0.5921, 0.8156
CMYK	0.00, 0.58, 0.81, 0.03
HSL	17°, 93%, 58%
HSV	17°, 81%, 97%
XYZ	44.1728, 30.0623, 6.1668
YIQ	140.5580, 104.1210, 12.8010

Conversions

Conversions Part 2

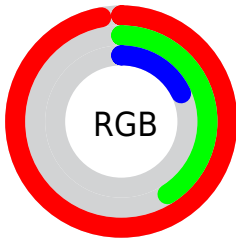
Format	Color
R _{YB}	248, 127, 47
Decimal	16279599
CIE Lab	61.71, 52.35, 57.17
CIE LCh	62, 77.518, 47.523
Yxy	30.0623, 0.5494, 0.3739
Android (android.graphics.Color)	4294469679 (0xFFFF8682F)
YUV	140.5580, -46.1241, 94.2266
Hunter-Lab	54.8291, 47.8569, 31.7118

Details

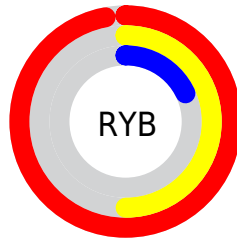
The Yxy color **30.0623, 0.5494, 0.3739** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **44.6454, 0.2078, 0.2524**, and the grayscale version is **26.6108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9381, 0.4636, 0.3897**, and **12.3870, 0.6040, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **26.7089, 0.5812, 0.3678**, and if you desaturate by 10%, it is **34.2861, 0.5124, 0.3754**.

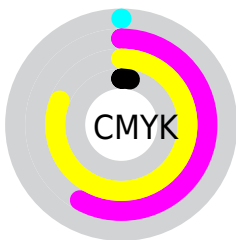
Distribution



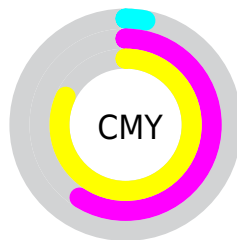
- Red (97%)
- Green (41%)
- Blue (18%)



- Red (97%)
- Yellow (50%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (81%)
- Black (3%)




- Cyan (3%)
- Magenta (59%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0623, 0.5494, 0.3739 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 30.0623, 0.5494, 0.3739 by changing the saturation by 10% instead.


 30.0623, 0.5494,
0.3739


 30.0623, 0.5494,
0.3739

302.1947, 0.4287,
0.3657

 19.8859, 0.5767,
0.3699


 59.7607, 0.5069,
0.3753


 12.3121, 0.6087,
0.3611


 80.0514, 0.4904,
0.3744

 6.9566, 0.6524,
0.3476


 104.4824, 0.4762,
0.3732

 3.4350, 0.6871,
0.3129

 133.4381, 0.4640,
0.3717

 1.3628, 0.7388,
0.2612

 167.3027, 0.4534,
0.3702

 0.1891, 0.8955,
0.1045

 206.4608, 0.4441,

 0.0000, 1.0000,

0.3687

0.0000

251.2967, 0.4359,
0.3671

■ 0.0000, 0.0000,
0.0000

■ 30.0623, 0.5494,
0.3739

■ 30.0623, 0.5494,
0.3739

■ 26.7089, 0.5812,
0.3678

■ 34.2861, 0.5124,
0.3754

■ 24.3753, 0.6031,
0.3593

■ 39.4357, 0.4742,
0.3728

■ 45.5669, 0.4378,
0.3674

■ 52.7295, 0.4050,
0.3603

■ 60.9697, 0.3764,
0.3525

 70.3307, 0.3521,
0.3446

 80.8534, 0.3315,
0.3369

 92.5764, 0.3143,
0.3297

 98.6946, 0.3084,
0.3290

Harmonies

Analogous

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



30.0623, 0.5173, 0.2992



30.0623, 0.5494, 0.3739



30.0623, 0.5024, 0.4566

Triad

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



30.0623, 0.5494, 0.3739



30.0623, 0.2031, 0.4608



30.0623, 0.1867, 0.1605

Complementary

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



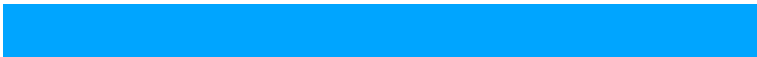
30.0623, 0.5494, 0.3739



44.6454, 0.2078, 0.2524

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.



30.0623, 0.1361, 0.1670



30.0623, 0.5494, 0.3739



30.0623, 0.1400, 0.3113

Square

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



30.0623, 0.5494, 0.3739



30.0623, 0.3031, 0.5592



30.0623, 0.1206, 0.2113



30.0623, 0.2796, 0.1834

Rectangle

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



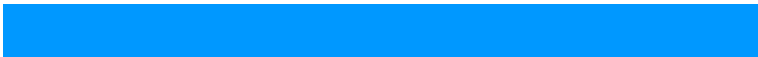
30.0623, 0.5494, 0.3739



30.0623, 0.4442, 0.5125



30.0623, 0.1206, 0.2113



30.0623, 0.1655, 0.1592

Sweetspot

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



30.0640, 0.5494, 0.3739



71.8113, 0.3589, 0.3470



25.7540, 0.3881, 0.2034



14.6070, 0.3676, 0.3498



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.



30.0640, 0.5494, 0.3739



26.6958, 0.5966, 0.3620



63.5595, 0.4472, 0.4666



18.0266, 0.3287, 0.3358



13.3733, 0.6003, 0.3615



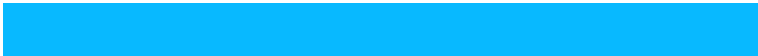
1.4104, 0.5772, 0.3799

Inverse Universe

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



44.6454, 0.2078, 0.2524



41.9087, 0.1990, 0.2352



14.7910, 0.1717, 0.1164



18.7279, 0.2980, 0.3221



21.0424, 0.1983, 0.2339



2.1290, 0.2018, 0.2466

Previews

White Background



This preview shows how the Yxy color 30.0623, 0.5494, 0.3739 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 30.0623, 0.5494, 0.3739 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 30.0623, 0.5494, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 30.0623, 0.5494, 0.3739.



This preview shows how white text looks on a background with the Yxy color 30.0623, 0.5494, 0.3739.

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

30.0623, 0.5494, 0.3739

Protanopia

30.3439, 0.4154, 0.4562

Deuteranopia

30.1529, 0.4612, 0.4530



Tritanopia

30.0588, 0.4988, 0.3239

Trichromacy



Original Color

30.0623, 0.5494, 0.3739

Protanomaly

28.7867, 0.4674, 0.4226

Deuteranomaly

29.2865, 0.4974, 0.4202

Tritanomaly

29.8786, 0.5216, 0.3449

Monochromacy



Original Color

30.0623, 0.5494, 0.3739

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2032, 0.4009, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0623, 0.5494, 0.3739 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(248, 104, 47)` looks like.

```
.text, #text, p{  
    color:rgb(248, 104, 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(248, 104, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 104, 47) }
```

Border

The CSS property to change the border of an element to Yxy 30.0623, 0.5494, 0.3739 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(248, 104, 47) }
```

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

```
.border{ border-color:rgb(248, 104, 47) }
```

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

Here you see how a box with a 4 pixel rgb(248, 104, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 104, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 104, 47);  
box-shadow:4px 4px 4px 4px rgb(248, 104,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0623, 0.5494, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 104, 47) }
```

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

```
.background{ background-color: rgb(248,  
104, 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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