

Converting Colors

$Yxy(29.4227, 0.5611, 0.3823)$

Have a look what the booklet for
Yxy(29.4227, 0.5611, 0.3823)
contains.

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Color

$\text{Yxy}(29.3679, 0.5605, 0.3825)$

Conversions

Conversions Part 1

Format	Color
Hex	F6671A
RGB	246, 103, 26
RGB Percent	96%, 40%, 10%
CMY	0.0354, 0.5959, 0.8981
CMYK	0.00, 0.58, 0.89, 0.04
HSL	21°, 92%, 53%
HSV	21°, 89%, 96%
XYZ	43.0345, 29.3679, 4.3764
YIQ	136.9790, 109.9450, 6.3690

Conversions

Conversions Part 2

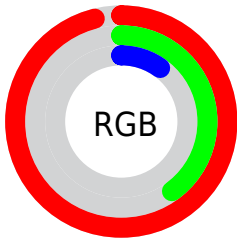
Format	Color
R _Y B	246, 144, 26
Decimal	16148250
CIE Lab	61.10, 51.59, 64.43
CIE LCh	61, 82.540, 51.315
Yxy	29.3679, 0.5605, 0.3825
Android (android.graphics.Color)	4294338330 (0xFFFF6671A)
YUV	136.9790, -54.7126, 95.6114
Hunter-Lab	54.1922, 46.9123, 33.1464

Details

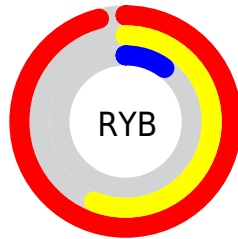
The Yxy color **29.3679, 0.5605, 0.3825** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **35.2145, 0.1967, 0.2218**, and the grayscale version is **25.1913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3078, 0.4775, 0.4024**, and **11.9377, 0.6041, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **26.4157, 0.5851, 0.3732**, and if you desaturate by 10%, it is **33.0205, 0.5298, 0.3872**.

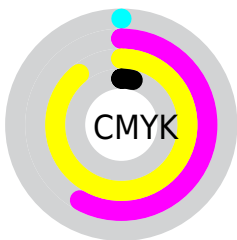
Distribution



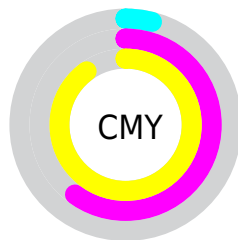
- Red (96%)
- Green (40%)
- Blue (10%)



- Red (96%)
- Yellow (56%)
- Blue (10%)



- Cyan (0%)
- Magenta (58%)
- Yellow (89%)
- Black (4%)





- Cyan (4%)
- Magenta (60%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3679, 0.5605, 0.3825 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 29.3679, 0.5605, 0.3825 by changing the saturation by 10% instead.


 29.3679, 0.5605,
0.3825


 29.3679, 0.5605,
0.3825


298.9469, 0.4366,
0.3732


 19.3593, 0.5869,
0.3774


 58.6611, 0.5180,
0.3845

 11.9302, 0.6185,
0.3677


 78.7145, 0.5011,
0.3836


 6.6962, 0.6521,
0.3479


 102.8849, 0.4864,
0.3822

 3.2728, 0.6874,
0.3126

 131.5569, 0.4737,
0.3805

 1.2758, 0.7401,
0.2599

 165.1146, 0.4626,
0.3787

 0.1223, 0.9244,
0.0756


 203.9426, 0.4529,


 0.0000, 1.0000,


0.3768


0.0000


 248.4252, 0.4442,
0.3750


 0.0000, 0.0000,
0.0000

 29.3679, 0.5605,
0.3825


 29.3679, 0.5605,
0.3825


 26.4157, 0.5851,
0.3732

 33.0205, 0.5298,
0.3872


 26.2678, 0.5864,
0.3726

 37.4254, 0.4955,
0.3868


 42.6299, 0.4605,
0.3823


 48.6752, 0.4273,
0.3750

 55.5995, 0.3972,
0.3660

 63.4381, 0.3707,
0.3563

 72.2245, 0.3479,
0.3466

 81.9901, 0.3284,
0.3373

 92.7650, 0.3119,
0.3285

Harmonies

Analogous

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



29.3679, 0.5410, 0.3049



29.3679, 0.5605, 0.3825



29.3679, 0.4997, 0.4708

Triad

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



29.3679, 0.5605, 0.3825



29.3679, 0.1840, 0.4507



29.3679, 0.1891, 0.1535

Complementary

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



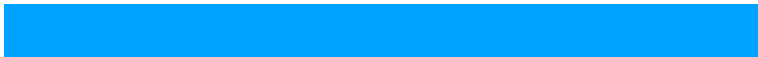
29.3679, 0.5605, 0.3825



35.2145, 0.1967, 0.2218

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.



29.3679, 0.1319, 0.1557



29.3679, 0.5605, 0.3825



29.3679, 0.1256, 0.2910

Square

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



29.3679, 0.5605, 0.3825



29.3679, 0.2849, 0.5723



29.3679, 0.1116, 0.1947



29.3679, 0.2925, 0.1809

Rectangle

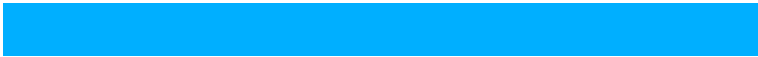
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.3679, 0.5605, 0.3825



29.3679, 0.4344, 0.5310



29.3679, 0.1116, 0.1947



29.3679, 0.1653, 0.1508

Sweetspot

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



29.3696, 0.5605, 0.3825



71.0365, 0.3650, 0.3540



23.1886, 0.4203, 0.2141



14.5394, 0.3733, 0.3574



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.



29.3696, 0.5605, 0.3825



28.4582, 0.5867, 0.3724



67.2352, 0.4430, 0.4806



17.4319, 0.3285, 0.3373



14.2620, 0.5834, 0.3750



1.4389, 0.5594, 0.3940

Inverse Universe

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



35.2145, 0.1967, 0.2218



34.3761, 0.1910, 0.2076



9.9970, 0.1595, 0.0856



17.7238, 0.2980, 0.3205



17.2132, 0.1917, 0.2100



1.7052, 0.1963, 0.2266

Previews

White Background



This preview shows how the Yxy color 29.3679, 0.5605, 0.3825 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3679, 0.5605, 0.3825 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.3679, 0.5605, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 29.3679, 0.5605, 0.3825.



This preview shows how white text looks on a background with the Yxy color 29.3679, 0.5605, 0.3825.

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

29.3679, 0.5605, 0.3825

Protanopia

29.4267, 0.4287, 0.4731

Deuteranopia

29.3210, 0.4721, 0.4634



Tritanopia

29.2815, 0.5010, 0.3239

Trichromacy



Original Color

29.3679, 0.5605, 0.3825

Protanomaly

28.2201, 0.4807, 0.4369

Deuteranomaly

28.6084, 0.5078, 0.4317

Tritanomaly

29.1922, 0.5305, 0.3515

Monochromacy



Original Color

29.3679, 0.5605, 0.3825

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8774, 0.4113, 0.3704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3679, 0.5605, 0.3825 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(246, 103, 26)` looks like.

```
.text, #text, p{  
    color:rgb(246, 103, 26)  
}
```

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(246, 103, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 103, 26) }
```

Border

The CSS property to change the border of an element to Yxy 29.3679, 0.5605, 0.3825 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(246, 103, 26) }
```

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

```
.border{ border-color:rgb(246, 103, 26) }
```

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

Here you see how a box with a 4 pixel rgb(246, 103, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 103, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 103, 26);  
box-shadow:4px 4px 4px 4px rgb(246, 103,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3679, 0.5605, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 103, 26) }
```

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

```
.background{ background-color: rgb(246,  
103, 26) }
```

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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