

Converting Colors

$Yxy(26.9154, 0.5944, 0.3626)$

Have a look what the booklet for
Yxy(26.9154, 0.5944, 0.3626)
contains.

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Color

Yxy(26.8761, 0.5947, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F0B
RGB	255, 79, 11
RGB Percent	100%, 31%, 4%
CMY	0.0000, 0.6903, 0.9566
CMYK	0.00, 0.69, 0.96, 0.00
HSL	17°, 100%, 52%
HSV	17°, 96%, 100%
XYZ	44.1038, 26.8761, 3.1815
YIQ	123.8720, 126.7240, 16.1640

Conversions

Conversions Part 2

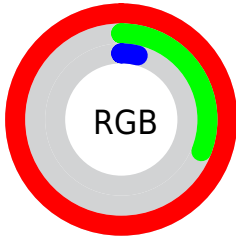
Format	Color
RYB	255, 105, 11
Decimal	16731915
CIELab	58.86, 64.42, 67.47
CIELCh	59, 93.285, 46.322
Yxy	26.8761, 0.5947, 0.3624
Android (android.graphics.Color)	4294921995 (0xFFFF4F0B)
YUV	123.8720, -55.6459, 114.9993
Hunter-Lab	51.8422, 61.1319, 32.6509

Details

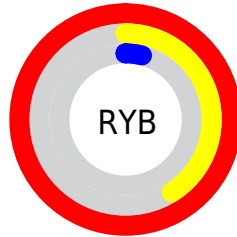
The Yxy color **26.8761, 0.5947, 0.3624** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **42.8695, 0.2001, 0.2384**, and the grayscale version is **20.2656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5935, 0.5047, 0.3896**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **25.7655, 0.6046, 0.3582**, and if you desaturate by 10%, it is **30.0102, 0.5665, 0.3706**.

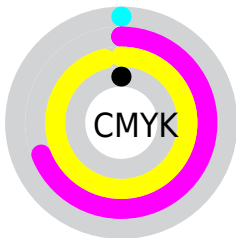
Distribution



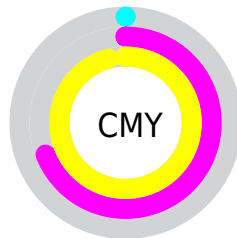
- Red (100%)
- Green (31%)
- Blue (4%)



- Red (100%)
- Yellow (41%)
- Blue (4%)



- Cyan (0%)
- Magenta (69%)
- Yellow (96%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8761, 0.5947, 0.3624 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 26.8761, 0.5947, 0.3624 by changing the saturation by 10% instead.

 26.8761, 0.5947,
0.3624

 26.8761, 0.5947,
0.3624


287.0567, 0.4540,
0.3682


 17.4802, 0.6238,
0.3523


 54.6850, 0.5470,
0.3711


 10.5774, 0.6620,
0.3380


 73.8667, 0.5278,
0.3723


 5.7835, 0.6925,
0.3075

 97.0793, 0.5111,
0.3726

 2.7139, 0.7349,
0.2651

 124.7069, 0.4966,
0.3722

 0.9842, 0.7960,
0.2040

 157.1341, 0.4839,
0.3714

 0.0000, 1.0000,
0.0000

 194.7452, 0.4727,


 0.0000, 0.0000,


0.3705


0.0000


 237.9246, 0.4628,
0.3693


 26.8761, 0.5947,
0.3624


 26.8761, 0.5947,
0.3624


 25.7655, 0.6046,
0.3582

 30.0102, 0.5665,
0.3706

 34.0482, 0.5313,
0.3743

 39.0571, 0.4929,
0.3736

 45.0988, 0.4551,
0.3695

 52.2298, 0.4202,
0.3632

60.5021, 0.3894,
0.3558

69.9642, 0.3630,
0.3479

80.6617, 0.3407,
0.3402

92.6379, 0.3219,
0.3329

Harmonies

Analogous

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



26.8761, 0.5609, 0.2831



26.8761, 0.5947, 0.3624



26.8761, 0.5299, 0.4572

Triad

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



26.8761, 0.5947, 0.3624



26.8761, 0.1790, 0.5066



26.8761, 0.1604, 0.1335

Complementary

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



26.8761, 0.5947, 0.3624



42.8695, 0.2001, 0.2384

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.



26.8761, 0.1077, 0.1401



26.8761, 0.5947, 0.3624



26.8761, 0.1102, 0.3072

Square

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



26.8761, 0.5947, 0.3624



26.8761, 0.2926, 0.6223



26.8761, 0.0914, 0.1876



26.8761, 0.2646, 0.1575

Rectangle

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



26.8761, 0.5947, 0.3624



26.8761, 0.4575, 0.5304



26.8761, 0.0914, 0.1876



26.8761, 0.1380, 0.1321

Sweetspot

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



26.8729, 0.5947, 0.3624



66.6696, 0.3713, 0.3506



25.2164, 0.3996, 0.1989



13.4115, 0.3827, 0.3539



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.



26.8729, 0.5947, 0.3624



25.7655, 0.6046, 0.3582



61.7099, 0.4653, 0.4668



18.8101, 0.3287, 0.3357



13.6774, 0.6017, 0.3604



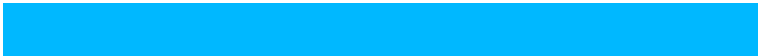
1.5061, 0.5797, 0.3779

Inverse Universe

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



42.8695, 0.2001, 0.2384



41.5041, 0.1983, 0.2339



11.4238, 0.1590, 0.0897



19.5762, 0.2980, 0.3222



21.9512, 0.1988, 0.2356



2.3215, 0.2021, 0.2475

Previews

White Background



This preview shows how the Yxy color 26.8761, 0.5947, 0.3624 looks on a white background.

Color Contrast Check

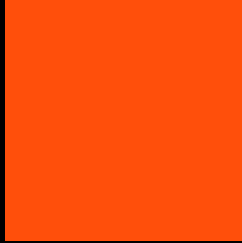
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8761, 0.5947, 0.3624 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 26.8761, 0.5947, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 26.8761, 0.5947, 0.3624.



This preview shows how white text looks on a background with the Yxy color 26.8761, 0.5947, 0.3624.

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

26.8761, 0.5947, 0.3624

Protanopia

26.9133, 0.4323, 0.4767

Deuteranopia

26.9117, 0.4705, 0.4646



Tritanopia

26.8567, 0.5493, 0.3266

Trichromacy



Original Color

26.8761, 0.5947, 0.3624

Protanomaly

24.8576, 0.5029, 0.4272

Deuteranomaly

25.5356, 0.5246, 0.4201

Tritanomaly

26.6952, 0.5742, 0.3445

Monochromacy



Original Color

26.8761, 0.5947, 0.3624

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.1203, 0.4363, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8761, 0.5947, 0.3624 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, 79, 11)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 11)  
}
```

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, 79, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 11) }
```

Border

The CSS property to change the border of an element to Yxy 26.8761, 0.5947, 0.3624 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, 79, 11) }
```

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

```
.border{ border-color:rgb(255, 79, 11) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 11);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8761, 0.5947, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 11) }
```

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

```
.background{ background-color: rgb(255, 79,  
11) }
```

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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