

Converting Colors

$Yxy(26.4002, 0.5933, 0.3563)$

Have a look what the booklet for
Yxy(26.4002, 0.5933, 0.3563)
contains.

Yxy(26.3667, 0.5933, 0.3560)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.3667, 0.5933, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	FF4B1A
RGB	255, 75, 26
RGB Percent	100%, 29%, 10%
CMY	0.0000, 0.7058, 0.8977
CMYK	0.00, 0.71, 0.90, 0.00
HSL	13°, 100%, 55%
HSV	13°, 90%, 100%
XYZ	43.9420, 26.3667, 3.7550
YIQ	123.2340, 123.0090, 22.9210

Conversions

Conversions Part 2

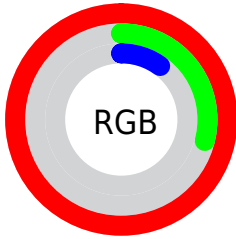
Format	Color
R_{YB}	255, 88, 26
Decimal	16730906
CIE Lab	58.38, 66.00, 63.15
CIE LCh	58, 91.344, 43.734
Yxy	26.3667, 0.5933, 0.3560
Android (android.graphics.Color)	4294920986 (0xFFFF4B1A)
YUV	123.2340, -47.9364, 115.5588
Hunter-Lab	51.3485, 62.8933, 31.6082

Details

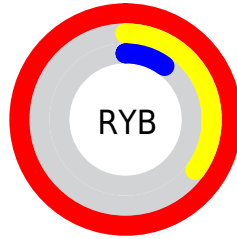
The Yxy color **26.3667, 0.5933, 0.3560** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **51.6104, 0.2084, 0.2652**, and the grayscale version is **20.0250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8603, 0.5013, 0.3809**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **23.9896, 0.6175, 0.3477**, and if you desaturate by 10%, it is **29.6992, 0.5593, 0.3615**.

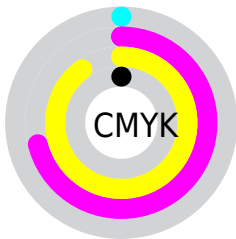
Distribution



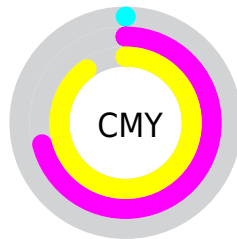
- Red (100%)
- Green (29%)
- Blue (10%)



- Red (100%)
- Yellow (35%)
- Blue (10%)



- Cyan (0%)
- Magenta (71%)
- Yellow (90%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3667, 0.5933, 0.3560 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 26.3667, 0.5933, 0.3560 by changing the saturation by 10% instead.


 26.3667, 0.5933,
0.3560


 26.3667, 0.5933,
0.3560


284.5776, 0.4510,
0.3633

 17.0982, 0.6238,
0.3460


 53.8659, 0.5443,
0.3647


 10.3045, 0.6622,
0.3310


 72.8654, 0.5248,
0.3662

 5.6013, 0.6981,
0.3019

 95.8774, 0.5080,
0.3666

 2.6042, 0.7416,
0.2584

 123.2862, 0.4934,
0.3664

 0.9288, 0.8040,
0.1960

 155.4762, 0.4807,
0.3659

 0.0000, 1.0000,
0.0000

 192.8318, 0.4696,

 0.0000, 0.0000,


0.3651


0.0000

 235.7375, 0.4598,
0.3642


 26.3667, 0.5933,
0.3560


 26.3667, 0.5933,
0.3560


 23.9896, 0.6175,
0.3477


 29.6992, 0.5593,
0.3615

 23.9453, 0.6180,
0.3475

 34.0831, 0.5192,
0.3632

 39.6026, 0.4778,
0.3615

 46.3318, 0.4389,
0.3574

 54.3381, 0.4044,
0.3521

63.6839, 0.3748,
0.3461

74.4274, 0.3500,
0.3401

86.6233, 0.3294,
0.3343

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



26.3667, 0.5491, 0.2776



26.3667, 0.5933, 0.3560



26.3667, 0.5364, 0.4482

Triad

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



26.3667, 0.5933, 0.3560



26.3667, 0.1895, 0.5200



26.3667, 0.1557, 0.1346

Complementary

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



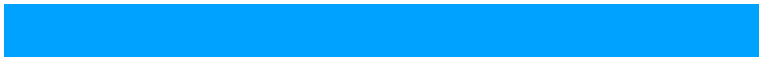
26.3667, 0.5933, 0.3560



51.6104, 0.2084, 0.2652

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.



26.3667, 0.1067, 0.1441



26.3667, 0.5933, 0.3560



26.3667, 0.1160, 0.3226

Square

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



26.3667, 0.5933, 0.3560



26.3667, 0.3045, 0.6185



26.3667, 0.0934, 0.1963



26.3667, 0.2541, 0.1559

Rectangle

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



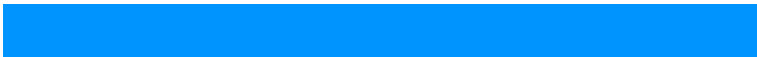
26.3667, 0.5933, 0.3560



26.3667, 0.4671, 0.5198



26.3667, 0.0934, 0.1963



26.3667, 0.1347, 0.1341

Sweetspot

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



26.3683, 0.5933, 0.3560



66.5237, 0.3675, 0.3444



26.6152, 0.3728, 0.1867



13.4944, 0.3766, 0.3465



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.



26.3683, 0.5933, 0.3560



23.9464, 0.6180, 0.3475



56.5867, 0.4746, 0.4548



18.6163, 0.3289, 0.3342



12.6868, 0.6154, 0.3495



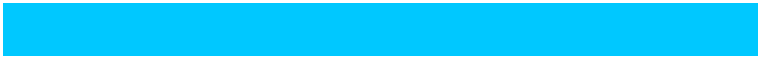
1.3858, 0.5945, 0.3661

Inverse Universe

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



51.6104, 0.2084, 0.2652



48.7541, 0.2048, 0.2572



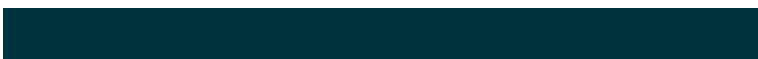
15.5803, 0.1676, 0.1158



19.7834, 0.2980, 0.3238



25.7018, 0.2052, 0.2585



2.6589, 0.2076, 0.2675

Previews

White Background



This preview shows how the Yxy color 26.3667, 0.5933, 0.3560 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 26.3667, 0.5933, 0.3560 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 26.3667, 0.5933, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 26.3667, 0.5933, 0.3560.



This preview shows how white text looks on a background with the Yxy color 26.3667, 0.5933, 0.3560.

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

26.3667, 0.5933, 0.3560

Protanopia

26.4860, 0.4251, 0.4682

Deuteranopia

26.2400, 0.4722, 0.4633



Tritanopia

26.4027, 0.5560, 0.3275

Trichromacy



Original Color

26.3667, 0.5933, 0.3560

Protanomaly

24.1874, 0.4970, 0.4193

Deuteranomaly

24.7299, 0.5268, 0.4163

Tritanomaly

26.3205, 0.5739, 0.3405

Monochromacy



Original Color

26.3667, 0.5933, 0.3560

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.6706, 0.4298, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3667, 0.5933, 0.3560 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, 75, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 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(255, 75, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 26) }
```

Border

The CSS property to change the border of an element to Yxy 26.3667, 0.5933, 0.3560 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, 75, 26) }
```

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

```
.border{ border-color:rgb(255, 75, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3667, 0.5933, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 26) }
```

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

```
.background{ background-color: rgb(255, 75,  
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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