

Converting Colors

$Y_{xy}(26.8902, 0.5901, 0.3590)$

Have a look what the booklet for
Yxy(26.8902, 0.5901, 0.3590)
contains.

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Color

$\text{Yxy}(26.9265, 0.5897, 0.3591)$

Conversions

Conversions Part 1

Format	Color
Hex	FF4F1A
RGB	255, 79, 26
RGB Percent	100%, 31%, 10%
CMY	0.0001, 0.6901, 0.8984
CMYK	0.00, 0.69, 0.90, 0.00
HSL	14°, 100%, 55%
HSV	14°, 90%, 100%
XYZ	44.2176, 26.9265, 3.8391
YIQ	125.5820, 121.9090, 20.8290

Conversions

Conversions Part 2

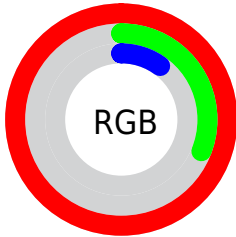
Format	Color
R_{YB}	255, 95, 26
Decimal	16731930
CIE _{Lab}	58.91, 64.55, 63.57
CIE _{LCh}	59, 90.598, 44.558
Yxy	26.9265, 0.5897, 0.3591
Android (android.graphics.Color)	4294922010 (0xFFFF4F1A)
YUV	125.5820, -49.0939, 113.4996
Hunter-Lab	51.8908, 61.2963, 31.9369

Details

The Yxy color **26.9265, 0.5897, 0.3591** 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 **49.6168, 0.2068, 0.2594**, and the grayscale version is **20.8552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7158, 0.4978, 0.3831**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **24.4321, 0.6142, 0.3504**, and if you desaturate by 10%, it is **30.3515, 0.5560, 0.3647**.

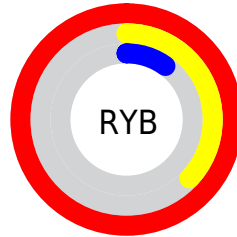
Distribution



Red (100%)

Green (31%)

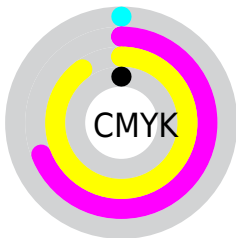
Blue (10%)



Red (100%)

Yellow (37%)

Blue (10%)

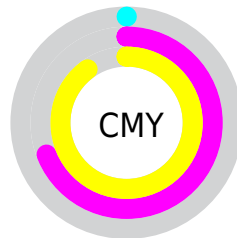


Cyan (0%)

Magenta (69%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9265, 0.5897, 0.3591 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 26.9265, 0.5897, 0.3591 by changing the saturation by 10% instead.


 26.9265, 0.5897,
0.3591


 26.9265, 0.5897,
0.3591


287.3011, 0.4497,
0.3645


 17.5180, 0.6196,
0.3497


 54.7659, 0.5415,
0.3671

 10.6045, 0.6570,
0.3352


 73.9656, 0.5224,
0.3683


 5.8016, 0.6927,
0.3073

 97.1979, 0.5058,
0.3685

 2.7248, 0.7350,
0.2650

 124.8471, 0.4915,
0.3682

 0.9898, 0.7960,
0.2040

 157.2976, 0.4790,
0.3675

 0.0000, 1.0000,
0.0000


 194.9338, 0.4680,

 0.0000, 0.0000,

0.3666


0.0000


 238.1402, 0.4583,
0.3656


 26.9265, 0.5897,
0.3591


 26.9265, 0.5897,
0.3591


 24.4321, 0.6142,
0.3504

 30.3515, 0.5560,
0.3647

 24.3979, 0.6145,
0.3503

 34.7970, 0.5165,
0.3663

 40.3417, 0.4760,
0.3643

 47.0550, 0.4378,
0.3599

 55.0002, 0.4038,
0.3540

64.2360, 0.3746,
0.3476

74.8170, 0.3500,
0.3411

86.7950, 0.3295,
0.3348

99.9970, 0.3127,
0.3290

Harmonies

Analogous

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



26.9265, 0.5485, 0.2807



26.9265, 0.5897, 0.3591



26.9265, 0.5322, 0.4511

Triad

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



26.9265, 0.5897, 0.3591



26.9265, 0.1888, 0.5116



26.9265, 0.1593, 0.1366

Complementary

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



26.9265, 0.5897, 0.3591



49.6168, 0.2068, 0.2594

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.



26.9265, 0.1094, 0.1453



26.9265, 0.5897, 0.3591



26.9265, 0.1170, 0.3185

Square

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



26.9265, 0.5897, 0.3591



26.9265, 0.3023, 0.6140



26.9265, 0.0954, 0.1959



26.9265, 0.2585, 0.1586

Rectangle

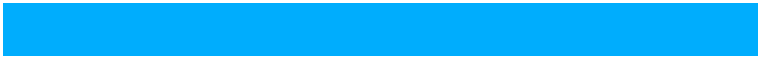
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.9265, 0.5897, 0.3591



26.9265, 0.4633, 0.5215



26.9265, 0.0954, 0.1959



26.9265, 0.1380, 0.1359

Sweetspot

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



26.9281, 0.5897, 0.3591



67.1066, 0.3671, 0.3457



26.4171, 0.3778, 0.1895



13.6288, 0.3761, 0.3480



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.



26.9281, 0.5897, 0.3591



24.4013, 0.6145, 0.3503



58.1938, 0.4709, 0.4579



18.6704, 0.3289, 0.3346



12.9361, 0.6119, 0.3524



1.4172, 0.5905, 0.3693

Inverse Universe

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



49.6168, 0.2068, 0.2594



46.6414, 0.2030, 0.2507



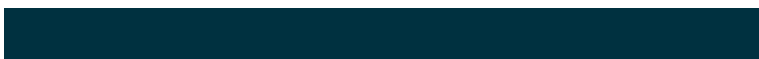
14.8889, 0.1664, 0.1116



19.7252, 0.2980, 0.3234



24.6098, 0.2034, 0.2522



2.5612, 0.2061, 0.2619

Previews

White Background



This preview shows how the Yxy color 26.9265, 0.5897, 0.3591 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 26.9265, 0.5897, 0.3591 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 26.9265, 0.5897, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 26.9265, 0.5897, 0.3591.



This preview shows how white text looks on a background with the Yxy color 26.9265, 0.5897, 0.3591.

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

26.9265, 0.5897, 0.3591

Protanopia

26.8841, 0.4251, 0.4686

Deuteranopia

26.9117, 0.4705, 0.4646



Tritanopia

26.9934, 0.5486, 0.3274

Trichromacy



Original Color

26.9265, 0.5897, 0.3591

Protanomaly

24.7904, 0.4954, 0.4211

Deuteranomaly

25.5466, 0.5234, 0.4190

Tritanomaly

26.8940, 0.5680, 0.3417

Monochromacy



Original Color

26.9265, 0.5897, 0.3591

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.5597, 0.4273, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9265, 0.5897, 0.3591 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, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 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, 79, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 26) }
```

Border

The CSS property to change the border of an element to Yxy 26.9265, 0.5897, 0.3591 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, 26) }
```

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

```
.border{ border-color:rgb(255, 79, 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, 79, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9265, 0.5897, 0.3591 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, 26) }
```

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

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