

Converting Colors

$Yxy(26.1285, 0.5977, 0.3568)$

Have a look what the booklet for
Yxy(26.1285, 0.5977, 0.3568)
contains.

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Color

Yxy(26.0721, 0.5979, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	FF4913
RGB	255, 73, 19
RGB Percent	100%, 29%, 7%
CMY	0.0000, 0.7136, 0.9255
CMYK	0.00, 0.71, 0.93, 0.00
HSL	14°, 100%, 54%
HSV	14°, 93%, 100%
XYZ	43.7388, 26.0721, 3.3431
YIQ	121.2620, 125.8060, 21.7900

Conversions

Conversions Part 2

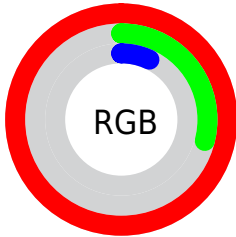
Format	Color
R_{YB}	255, 89, 19
Decimal	16730387
CIE _{Lab}	58.11, 66.60, 65.14
CIE _{LCh}	58, 93.163, 44.364
Yxy	26.0721, 0.5979, 0.3564
Android (android.graphics.Color)	4294920467 (0xFFFF4913)
YUV	121.2620, -50.4152, 117.2882
Hunter-Lab	51.0608, 63.5469, 31.8607

Details

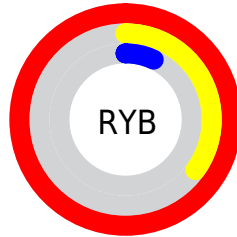
The Yxy color **26.0721, 0.5979, 0.3564** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **49.1198, 0.2059, 0.2581**, and the grayscale version is **19.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2436, 0.5072, 0.3826**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **24.3224, 0.6151, 0.3498**, and if you desaturate by 10%, it is **29.2177, 0.5665, 0.3631**.

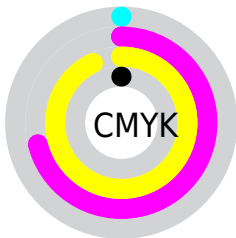
Distribution



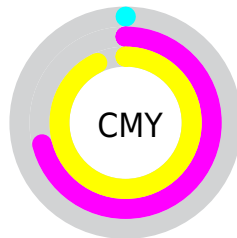
- Red (100%)
- Green (29%)
- Blue (7%)



- Red (100%)
- Yellow (35%)
- Blue (7%)



- Cyan (0%)
- Magenta (71%)
- Yellow (93%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0721, 0.5979, 0.3564 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 26.0721, 0.5979, 0.3564 by changing the saturation by 10% instead.

 26.0721, 0.5979,
0.3564


 26.0721, 0.5979,
0.3564


283.1358, 0.4541,
0.3647


 16.8776, 0.6282,
0.3458


 53.3912, 0.5487,
0.3659


 10.1473, 0.6680,
0.3308


 72.2847, 0.5290,
0.3675


 5.4967, 0.7006,
0.2994


 95.1798, 0.5120,
0.3680

 2.5415, 0.7446,
0.2554

 122.4611, 0.4973,
0.3679

 0.8974, 0.8077,
0.1923

 154.5130, 0.4844,
0.3674

 0.0000, 1.0000,
0.0000


 191.7198, 0.4730,

 0.0000, 0.0000,

0.3666


0.0000


 234.4660, 0.4630,
0.3657


 26.0721, 0.5979,
0.3564


 26.0721, 0.5979,
0.3564


 24.3224, 0.6151,
0.3498

 29.2177, 0.5665,
0.3631

 33.3658, 0.5280,
0.3657

 38.5989, 0.4873,
0.3646

 44.9890, 0.4481,
0.3608

 52.6015, 0.4127,
0.3554

61.4970, 0.3821,
0.3491

71.7318, 0.3563,
0.3426

83.3587, 0.3347,
0.3364

96.4279, 0.3168,
0.3304

Harmonies

Analogous

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



26.0721, 0.5564, 0.2775



26.0721, 0.5979, 0.3564



26.0721, 0.5371, 0.4503

Triad

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



26.0721, 0.5979, 0.3564



26.0721, 0.1843, 0.5213



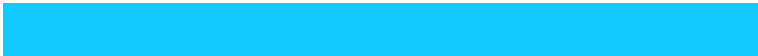
26.0721, 0.1546, 0.1319

Complementary

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



26.0721, 0.5979, 0.3564



49.1198, 0.2059, 0.2581

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.



26.0721, 0.1045, 0.1406



26.0721, 0.5979, 0.3564



26.0721, 0.1116, 0.3181

Square

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



26.0721, 0.5979, 0.3564



26.0721, 0.2999, 0.6254



26.0721, 0.0903, 0.1916



26.0721, 0.2555, 0.1540

Rectangle

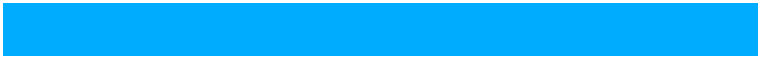
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.0721, 0.5979, 0.3564



26.0721, 0.4657, 0.5241



26.0721, 0.0903, 0.1916



26.0721, 0.1332, 0.1312

Sweetspot

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



26.0737, 0.5979, 0.3564



65.9863, 0.3698, 0.3462



26.0777, 0.3801, 0.1893



13.2113, 0.3815, 0.3489



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.



26.0737, 0.5979, 0.3564



24.3235, 0.6151, 0.3498



57.3278, 0.4740, 0.4577



18.6615, 0.3289, 0.3345



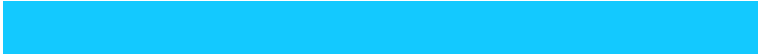
12.8936, 0.6125, 0.3519



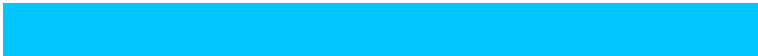
1.4119, 0.5912, 0.3688

Inverse Universe

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



49.1198, 0.2059, 0.2581



46.9848, 0.2033, 0.2518



13.9922, 0.1642, 0.1062



19.7348, 0.2980, 0.3234



24.7873, 0.2037, 0.2532



2.5772, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 26.0721, 0.5979, 0.3564 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 26.0721, 0.5979, 0.3564 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 26.0721, 0.5979, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 26.0721, 0.5979, 0.3564.



This preview shows how white text looks on a background with the Yxy color 26.0721, 0.5979, 0.3564.

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

26.0721, 0.5979, 0.3564

Protanopia

26.0516, 0.4283, 0.4728

Deuteranopia

26.1222, 0.4712, 0.4641



Tritanopia

26.1082, 0.5608, 0.3283

Trichromacy



Original Color

26.0721, 0.5979, 0.3564

Protanomaly

23.9220, 0.5018, 0.4216

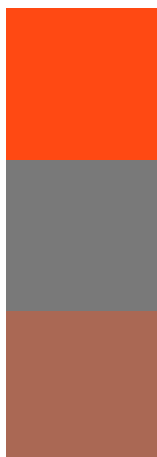
Deuteranomaly

24.3634, 0.5279, 0.4162

Tritanomaly

26.0235, 0.5790, 0.3414

Monochromacy



Original Color

26.0721, 0.5979, 0.3564

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.0868, 0.4358, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0721, 0.5979, 0.3564 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, 73, 19)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 19)  
}
```

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, 73, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 19) }
```

Border

The CSS property to change the border of an element to Yxy 26.0721, 0.5979, 0.3564 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, 73, 19) }
```

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

```
.border{ border-color:rgb(255, 73, 19) }
```

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

Here you see how a box with a 4 pixel rgb(255, 73, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 19);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0721, 0.5979, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 19) }
```

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

```
.background{ background-color: rgb(255, 73,  
19) }
```

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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