

Converting Colors

$Y_{xy}(25.9824, 0.5764, 0.3676)$

Have a look what the booklet for
Yxy(25.9824, 0.5764, 0.3676)
contains.

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Color

Yxy(26.1333, 0.5761, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	F4571C
RGB	244, 87, 28
RGB Percent	96%, 34%, 11%
CMY	0.0430, 0.6589, 0.8901
CMYK	0.00, 0.64, 0.89, 0.04
HSL	16°, 91%, 53%
HSV	16°, 89%, 96%
XYZ	40.9336, 26.1333, 3.9861
YIQ	127.2170, 112.5110, 14.9350

Conversions

Conversions Part 2

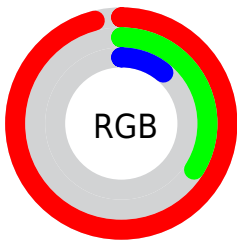
Format	Color
R_{YB}	244, 109, 28
Decimal	16013084
CIE _{Lab}	58.16, 57.92, 61.46
CIE _{LCh}	58, 84.449, 46.699
Yxy	26.1333, 0.5761, 0.3678
Android (android.graphics.Color)	4294203164 (0xFFFF4571C)
YUV	127.2170, -48.9140, 102.4187
Hunter-Lab	51.1207, 53.4681, 31.1615

Details

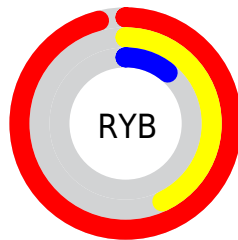
The Yxy color **26.1333, 0.5761, 0.3678** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **41.5051, 0.2040, 0.2478**, and the grayscale version is **21.4429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4841, 0.4916, 0.3883**, and **10.2370, 0.6278, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **23.5314, 0.6021, 0.3588**, and if you desaturate by 10%, it is **29.5359, 0.5423, 0.3727**.

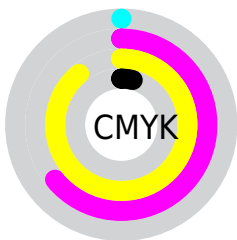
Distribution



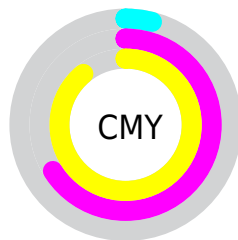
- Red (96%)
- Green (34%)
- Blue (11%)



- Red (96%)
- Yellow (43%)
- Blue (11%)



- Cyan (0%)
- Magenta (64%)
- Yellow (89%)
- Black (4%)





- Cyan (4%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1333, 0.5761, 0.3678 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 26.1333, 0.5761, 0.3678 by changing the saturation by 10% instead.


 26.1333, 0.5761,
0.3678

 26.1333, 0.5761,
0.3678


283.4358, 0.4415,
0.3669


 16.9234, 0.6055,
0.3601


 53.4899, 0.5293,
0.3732

 10.1799, 0.6421,
0.3475


 72.4054, 0.5108,
0.3735


 5.5184, 0.6783,
0.3217

 95.3249, 0.4949,
0.3729

 2.5545, 0.7200,
0.2800

 122.6327, 0.4812,
0.3720

 0.9039, 0.7817,
0.2183

 154.7134, 0.4693,
0.3708


 0.0000, 1.0000,
0.0000


 191.9512, 0.4589,


 0.0000, 0.0000,


0.3695


0.0000


 234.7305, 0.4497,
0.3682


 26.1333, 0.5761,
0.3678


 26.1333, 0.5761,
0.3678


 23.5314, 0.6021,
0.3588


 29.5359, 0.5423,
0.3727


 23.2064, 0.6054,
0.3575


 33.8040, 0.5042,
0.3732

 38.9976, 0.4657,
0.3700


 45.1696, 0.4298,
0.3644

 52.3688, 0.3977,
0.3573

 60.6404, 0.3701,
0.3497

 70.0268, 0.3466,
0.3421

 80.5682, 0.3269,
0.3348

 92.3027, 0.3105,
0.3280

Harmonies

Analogous

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



26.1333, 0.5422, 0.2899



26.1333, 0.5761, 0.3678



26.1333, 0.5194, 0.4578

Triad

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



26.1333, 0.5761, 0.3678



26.1333, 0.1898, 0.4869



26.1333, 0.1710, 0.1445

Complementary

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



26.1333, 0.5761, 0.3678



41.5051, 0.2040, 0.2478

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.



26.1333, 0.1191, 0.1512



26.1333, 0.5761, 0.3678



26.1333, 0.1226, 0.3096

Square

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



26.1333, 0.5761, 0.3678



26.1333, 0.2983, 0.5955



26.1333, 0.1032, 0.1978



26.1333, 0.2707, 0.1681

Rectangle

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



26.1333, 0.5761, 0.3678



26.1333, 0.4531, 0.5237



26.1333, 0.1032, 0.1978



26.1333, 0.1490, 0.1432

Sweetspot

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



26.1348, 0.5761, 0.3678



68.4472, 0.3664, 0.3486



23.6325, 0.3917, 0.1985



13.9386, 0.3751, 0.3512



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.



26.1348, 0.5761, 0.3678



25.5912, 0.6058, 0.3572



57.7388, 0.4586, 0.4667



17.2185, 0.3287, 0.3355



12.8092, 0.6027, 0.3597



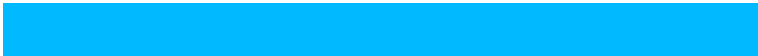
1.2900, 0.5783, 0.3790

Inverse Universe

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



41.5051, 0.2040, 0.2478



42.0831, 0.1989, 0.2359



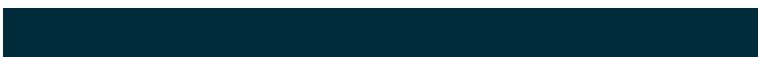
12.2886, 0.1647, 0.1034



17.9480, 0.2980, 0.3224



20.9739, 0.1994, 0.2377



2.0139, 0.2029, 0.2505

Previews

White Background



This preview shows how the Yxy color 26.1333, 0.5761, 0.3678 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 26.1333, 0.5761, 0.3678 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 26.1333, 0.5761, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 26.1333, 0.5761, 0.3678.



This preview shows how white text looks on a background with the Yxy color 26.1333, 0.5761, 0.3678.

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

26.1333, 0.5761, 0.3678

Protanopia

26.3779, 0.4245, 0.4699

Deuteranopia

26.1222, 0.4712, 0.4641



Tritanopia

26.1496, 0.5303, 0.3253

Trichromacy



Original Color

26.1333, 0.5761, 0.3678

Protanomaly

24.6209, 0.4877, 0.4267

Deuteranomaly

24.9302, 0.5167, 0.4239

Tritanomaly

25.9806, 0.5524, 0.3441

Monochromacy



Original Color

26.1333, 0.5761, 0.3678

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8897, 0.4197, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1333, 0.5761, 0.3678 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(244, 87, 28)` looks like.

```
.text, #text, p{  
  color:rgb(244, 87, 28)  
}
```

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(244, 87, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 87, 28) }
```

Border

The CSS property to change the border of an element to Yxy 26.1333, 0.5761, 0.3678 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(244, 87, 28) }
```

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

```
.border{ border-color:rgb(244, 87, 28) }
```

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

Here you see how a box with a 4 pixel rgb(244, 87, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 87, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 87, 28);  
box-shadow:4px 4px 4px 4px rgb(244, 87,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1333, 0.5761, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 87, 28) }
```

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

```
.background{ background-color: rgb(244, 87,  
28) }
```

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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