

Converting Colors

$Yxy(26.3726, 0.5819, 0.3572)$

Have a look what the booklet for
Yxy(26.3726, 0.5819, 0.3572)
contains.

Yxy(26.3739, 0.5819, 0.3572)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.3739, 0.5819, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	FB5024
RGB	251, 80, 36
RGB Percent	98%, 31%, 14%
CMY	0.0158, 0.6861, 0.8588
CMYK	0.00, 0.68, 0.86, 0.02
HSL	12°, 96%, 56%
HSV	12°, 86%, 98%
XYZ	42.9646, 26.3739, 4.4966
YIQ	126.1130, 116.0400, 22.5680

Conversions

Conversions Part 2

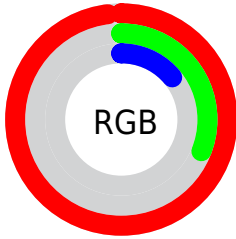
Format	Color
R_{YB}	251, 91, 36
Decimal	16470052
CIE _{Lab}	58.39, 63.08, 59.13
CIE _{LCh}	58, 86.463, 43.146
Yxy	26.3739, 0.5819, 0.3572
Android (android.graphics.Color)	4294660132 (0xFFFB5024)
YUV	126.1130, -44.4257, 109.5259
Hunter-Lab	51.3555, 59.4631, 30.7576

Details

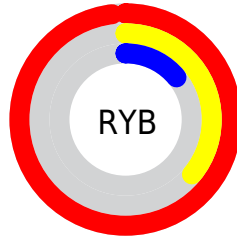
The Yxy color **26.3739, 0.5819, 0.3572** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **51.9417, 0.2111, 0.2712**, and the grayscale version is **21.0353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1088, 0.4910, 0.3787**, and **10.4391, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **23.7691, 0.6102, 0.3498**, and if you desaturate by 10%, it is **29.9569, 0.5445, 0.3611**.

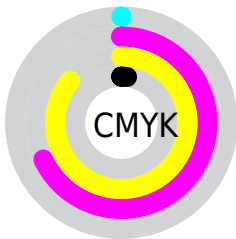
Distribution



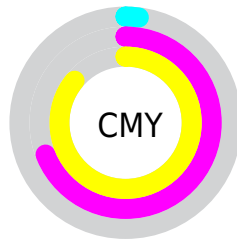
- Red (98%)
- Green (31%)
- Blue (14%)



- Red (98%)
- Yellow (36%)
- Blue (14%)



- Cyan (0%)
- Magenta (68%)
- Yellow (86%)
- Black (2%)





- Cyan (2%)
- Magenta (69%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3739, 0.5819, 0.3572 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 26.3739, 0.5819, 0.3572 by changing the saturation by 10% instead.


 26.3739, 0.5819,
0.3572


 26.3739, 0.5819,
0.3572


284.6127, 0.4436,
0.3614


 17.1036, 0.6126,
0.3486


 53.8775, 0.5334,
0.3642


 10.3084, 0.6496,
0.3344


 72.8796, 0.5145,
0.3652


 5.6039, 0.6908,
0.3092

 95.8944, 0.4982,
0.3653

 2.6057, 0.7336,
0.2664

 123.3063, 0.4842,
0.3649

 0.9296, 0.7956,
0.2044

 155.4997, 0.4720,
0.3642

 0.0000, 1.0000,
0.0000

 192.8589, 0.4613,

 0.0000, 0.0000,

0.3633

0.0000

235.7685, 0.4519,
0.3624

■ 26.3739, 0.5819,
0.3572

■ 26.3739, 0.5819,
0.3572

■ 23.7691, 0.6102,
0.3498

■ 29.9569, 0.5445,
0.3611


■ 22.9074, 0.6195,
0.3463

■ 34.6024, 0.5030,
0.3613


■ 40.3902, 0.4621,
0.3587

■ 47.3909, 0.4245,
0.3542

■ 55.6693, 0.3918,
0.3488

 65.2853, 0.3641,
0.3430

 76.2953, 0.3411,
0.3373

 88.7521, 0.3220,
0.3319

 99.2447, 0.3102,
0.3290

Harmonies

Analogous

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



26.3739, 0.5353, 0.2798



26.3739, 0.5819, 0.3572



26.3739, 0.5318, 0.4464

Triad

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



26.3739, 0.5819, 0.3572



26.3739, 0.1985, 0.5114



26.3739, 0.1604, 0.1411

Complementary

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



26.3739, 0.5819, 0.3572



51.9417, 0.2111, 0.2712

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.



26.3739, 0.1129, 0.1517



26.3739, 0.5819, 0.3572



26.3739, 0.1249, 0.3277

Square

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



26.3739, 0.5819, 0.3572



26.3739, 0.3109, 0.6029



26.3739, 0.1008, 0.2046



26.3739, 0.2549, 0.1614

Rectangle

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



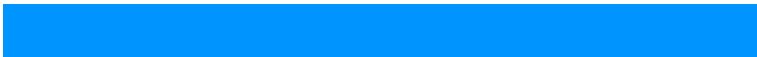
26.3739, 0.5819, 0.3572



26.3739, 0.4668, 0.5136



26.3739, 0.1008, 0.2046



26.3739, 0.1400, 0.1410

Sweetspot

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



26.3755, 0.5819, 0.3572



67.2928, 0.3651, 0.3432



26.3208, 0.3696, 0.1878



13.6331, 0.3742, 0.3452



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.



26.3755, 0.5819, 0.3572



23.7360, 0.6196, 0.3462



55.9561, 0.4690, 0.4544



17.8009, 0.3289, 0.3339



12.2083, 0.6170, 0.3483



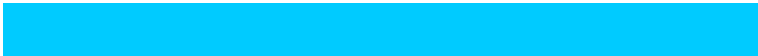
1.2745, 0.5952, 0.3656

Inverse Universe

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



51.9417, 0.2111, 0.2712



49.8265, 0.2057, 0.2604



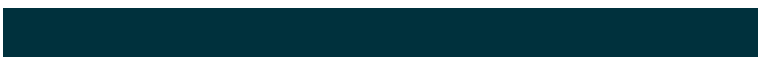
16.5505, 0.1716, 0.1249



18.9694, 0.2980, 0.3240



25.4913, 0.2060, 0.2617



2.5079, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 26.3739, 0.5819, 0.3572 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 26.3739, 0.5819, 0.3572 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 26.3739, 0.5819, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 26.3739, 0.5819, 0.3572.



This preview shows how white text looks on a background with the Yxy color 26.3739, 0.5819, 0.3572.

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

26.3739, 0.5819, 0.3572

Protanopia

26.4569, 0.4182, 0.4605

Deuteranopia

26.2400, 0.4722, 0.4633



Tritanopia

26.2921, 0.5474, 0.3266

Trichromacy



Original Color

26.3739, 0.5819, 0.3572

Protanomaly

24.4673, 0.4856, 0.4158

Deuteranomaly

25.0428, 0.5222, 0.4182

Tritanomaly

26.3621, 0.5635, 0.3400

Monochromacy



Original Color

26.3739, 0.5819, 0.3572

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.3855, 0.4205, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3739, 0.5819, 0.3572 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(251, 80, 36)` looks like.

```
.text, #text, p{  
  color:rgb(251, 80, 36)  
}
```

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(251, 80, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 80, 36) }
```

Border

The CSS property to change the border of an element to Yxy 26.3739, 0.5819, 0.3572 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(251, 80, 36) }
```

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

```
.border{ border-color:rgb(251, 80, 36) }
```

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

Here you see how a box with a 4 pixel rgb(251, 80, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 80, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 80, 36);  
box-shadow:4px 4px 4px 4px rgb(251, 80,  
36) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.3739, 0.5819, 0.3572$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 80, 36) }
```

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

```
.background{ background-color: rgb(251, 80,  
36) }
```

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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