

Converting Colors

$Y_{xy}(26.2308, 0.5741, 0.3748)$

Have a look what the booklet for
Yxy(26.2308, 0.5741, 0.3748)
contains.

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Color

Yxy(26.2300, 0.5739, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	F15B13
RGB	241, 91, 19
RGB Percent	95%, 36%, 7%
CMY	0.0550, 0.6431, 0.9253
CMYK	0.00, 0.62, 0.92, 0.05
HSL	19°, 89%, 51%
HSV	19°, 92%, 95%
XYZ	40.1317, 26.2300, 3.5663
YIQ	127.6420, 112.5120, 9.4080

Conversions

Conversions Part 2

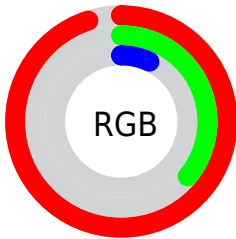
Format	Color
R _Y B	241, 126, 19
Decimal	15817491
CIE Lab	58.25, 55.04, 64.03
CIE LCh	58, 84.439, 49.319
Yxy	26.2300, 0.5739, 0.3751
Android (android.graphics.Color)	4294007571 (0xFFFF15B13)
YUV	127.6420, -53.5605, 99.4150
Hunter-Lab	51.2152, 50.2440, 31.7221

Details

The Yxy color **26.2300, 0.5739, 0.3751** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **34.8748, 0.1976, 0.2271**, and the grayscale version is **21.6208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3258, 0.4926, 0.3950**, and **10.2631, 0.6204, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **24.1675, 0.5930, 0.3674**, and if you desaturate by 10%, it is **29.4533, 0.5439, 0.3814**.

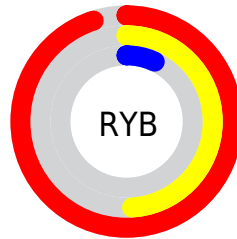
Distribution



Red (95%)

Green (36%)

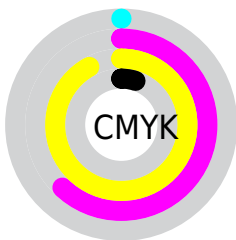
Blue (7%)



Red (95%)

Yellow (49%)

Blue (7%)

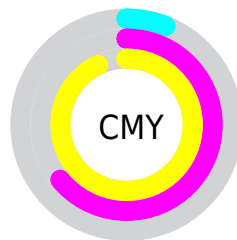


Cyan (0%)

Magenta (62%)

Yellow (92%)

Black (5%)



Cyan (6%)


Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2300, 0.5739, 0.3751 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 26.2300, 0.5739, 0.3751 by changing the saturation by 10% instead.


 26.2300, 0.5739,
0.3751


 26.2300, 0.5739,
0.3751


283.9093, 0.4416,
0.3711


 16.9958, 0.6021,
0.3678


 53.6458, 0.5283,
0.3797

 10.2315, 0.6388,
0.3565


 72.5961, 0.5102,
0.3795


 5.5527, 0.6703,
0.3297

 95.5539, 0.4946,
0.3787

 2.5751, 0.7109,
0.2891

 122.9036, 0.4810,
0.3774

 0.9141, 0.7717,
0.2283

 155.0296, 0.4692,
0.3759


 0.0000, 1.0000,
0.0000


 192.3163, 0.4588,

 0.0000, 0.0000,


0.3743


0.0000


 235.1481, 0.4497,
0.3727


 26.2300, 0.5739,
0.3751

 26.2300, 0.5739,
0.3751


 24.1675, 0.5930,
0.3674

 29.4533, 0.5439,
0.3814

 33.4197, 0.5090,
0.3827


 38.1796, 0.4727,
0.3797

 43.7773, 0.4378,
0.3736

 50.2531, 0.4060,
0.3656

 57.6448, 0.3780,
0.3567

 65.9875, 0.3539,
0.3477

 75.3146, 0.3333,
0.3389

 85.6577, 0.3160,
0.3307

Harmonies

Analogous

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



26.2300, 0.5492, 0.2966



26.2300, 0.5739, 0.3751



26.2300, 0.5115, 0.4664

Triad

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



26.2300, 0.5739, 0.3751



26.2300, 0.1820, 0.4711



26.2300, 0.1778, 0.1455

Complementary

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



26.2300, 0.5739, 0.3751



34.8748, 0.1976, 0.2271

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.



26.2300, 0.1222, 0.1494



26.2300, 0.5739, 0.3751



26.2300, 0.1194, 0.2966

Square

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



26.2300, 0.5739, 0.3751



26.2300, 0.2882, 0.5923



26.2300, 0.1035, 0.1917



26.2300, 0.2820, 0.1716

Rectangle

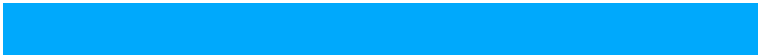
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.2300, 0.5739, 0.3751



26.2300, 0.4435, 0.5319



26.2300, 0.1035, 0.1917



26.2300, 0.1545, 0.1433

Sweetspot

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



26.2315, 0.5739, 0.3751



69.2094, 0.3679, 0.3531



22.0956, 0.4125, 0.2079



13.9670, 0.3788, 0.3570



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.



26.2315, 0.5739, 0.3751



27.3985, 0.5935, 0.3670



60.1937, 0.4514, 0.4757



16.5957, 0.3285, 0.3367



13.3241, 0.5900, 0.3697



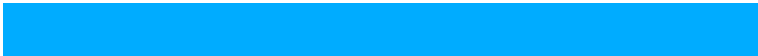
1.2825, 0.5644, 0.3900

Inverse Universe

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



34.8748, 0.1976, 0.2271



36.8450, 0.1937, 0.2171



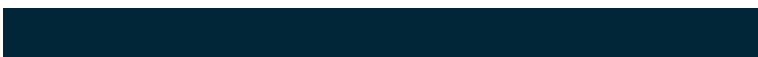
9.6944, 0.1590, 0.0869



17.0145, 0.2981, 0.3212



17.8759, 0.1943, 0.2195



1.6669, 0.1988, 0.2356

Previews

White Background



This preview shows how the Yxy color 26.2300, 0.5739, 0.3751 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 26.2300, 0.5739, 0.3751 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 26.2300, 0.5739, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 26.2300, 0.5739, 0.3751.



This preview shows how white text looks on a background with the Yxy color 26.2300, 0.5739, 0.3751.

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

26.2300, 0.5739, 0.3751

Protanopia

26.4231, 0.4302, 0.4759

Deuteranopia

26.1222, 0.4712, 0.4641



Tritanopia

26.2899, 0.5200, 0.3251

Trichromacy



Original Color

26.2300, 0.5739, 0.3751

Protanomaly

24.9364, 0.4888, 0.4350

Deuteranomaly

25.2516, 0.5136, 0.4275

Tritanomaly

26.0638, 0.5479, 0.3487

Monochromacy



Original Color

26.2300, 0.5739, 0.3751

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.4011, 0.4201, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2300, 0.5739, 0.3751 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(241, 91, 19)` looks like.

```
.text, #text, p{  
    color:rgb(241, 91, 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(241, 91, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 91, 19) }
```

Border

The CSS property to change the border of an element to Yxy 26.2300, 0.5739, 0.3751 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(241, 91, 19) }
```

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

```
.border{ border-color:rgb(241, 91, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 91, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 91, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 91, 19);  
box-shadow:4px 4px 4px 4px rgb(241, 91,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2300, 0.5739, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 91, 19) }
```

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

```
.background{ background-color: rgb(241, 91,  
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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