

Converting Colors

$Yxy(26.8918, 0.5853, 0.3553)$

Have a look what the booklet for
Yxy(26.8918, 0.5853, 0.3553)
contains.

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Color

Yxy(26.8362, 0.5855, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	FF4E24
RGB	255, 78, 36
RGB Percent	100%, 31%, 14%
CMY	0.0000, 0.6941, 0.8588
CMYK	0.00, 0.69, 0.86, 0.00
HSL	12°, 100%, 57%
HSV	12°, 86%, 100%
XYZ	44.2858, 26.8362, 4.5156
YIQ	126.1350, 118.9740, 24.4620

Conversions

Conversions Part 2

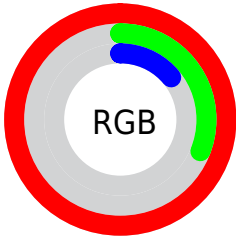
Format	Color
R_{YB}	255, 88, 36
Decimal	16731684
CIE _{Lab}	58.82, 65.11, 59.78
CIE _{LCh}	59, 88.392, 42.552
Yxy	26.8362, 0.5855, 0.3548
Android (android.graphics.Color)	4294921764 (0xFFFF4E24)
YUV	126.1350, -44.4366, 113.0146
Hunter-Lab	51.8037, 61.9392, 31.0944

Details

The Yxy color **26.8362, 0.5855, 0.3548** 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 **55.1898, 0.2120, 0.2749**, and the grayscale version is **21.0358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5402, 0.4927, 0.3767**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **24.2478, 0.6133, 0.3476**, and if you desaturate by 10%, it is **30.4523, 0.5480, 0.3587**.

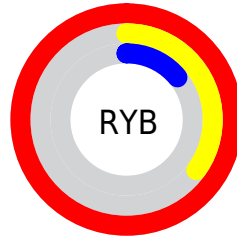
Distribution



Red (100%)

Green (31%)

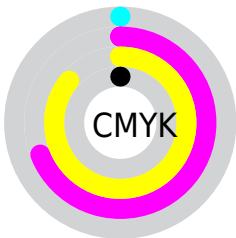
Blue (14%)



Red (100%)

Yellow (35%)

Blue (14%)

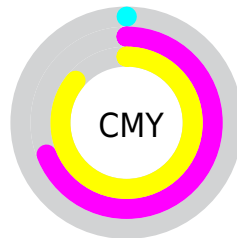


Cyan (0%)

Magenta (69%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (69%)

Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8362, 0.5855, 0.3548 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 26.8362, 0.5855, 0.3548 by changing the saturation by 10% instead.


 26.8362, 0.5855,
0.3548


 26.8362, 0.5855,
0.3548

286.8632, 0.4460,
0.3607


 17.4502, 0.6163,
0.3458


 54.6209, 0.5368,
0.3625


 10.5560, 0.6532,
0.3311


 73.7885, 0.5177,
0.3637

 5.7691, 0.6944,
0.3056

 96.9853, 0.5012,
0.3640

 2.7052, 0.7370,
0.2630

 124.5959, 0.4871,
0.3637

 0.9798, 0.7982,
0.2018

 157.0046, 0.4747,
0.3632

 0.0000, 1.0000,
0.0000

 194.5957, 0.4639,

 0.0000, 0.0000,

0.3624

0.0000

237.7538, 0.4544,
0.3616

■ 26.8362, 0.5855,
0.3548

■ 26.8362, 0.5855,
0.3548

■ 24.2478, 0.6133,
0.3476

■ 30.4523, 0.5480,
0.3587

■ 23.4476, 0.6219,
0.3444

■ 35.1944, 0.5061,
0.3592

■ 41.1480, 0.4644,
0.3569

■ 48.3903, 0.4263,
0.3528

■ 56.9917, 0.3931,
0.3477

 67.0177, 0.3650,
0.3423

 78.5293, 0.3417,
0.3369

 91.5840, 0.3224,
0.3318

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.8362, 0.5366, 0.2773



26.8362, 0.5855, 0.3548



26.8362, 0.5354, 0.4445

Triad

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



26.8362, 0.5855, 0.3548



26.8362, 0.1985, 0.5184



26.8362, 0.1572, 0.1391

Complementary

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



26.8362, 0.5855, 0.3548



55.1898, 0.2120, 0.2749

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.



26.8362, 0.1104, 0.1502



26.8362, 0.5855, 0.3548



26.8362, 0.1235, 0.3306

Square

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



26.8362, 0.5855, 0.3548



26.8362, 0.3122, 0.6075



26.8362, 0.0987, 0.2043



26.8362, 0.2516, 0.1589

Rectangle

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



26.8362, 0.5855, 0.3548



26.8362, 0.4697, 0.5128



26.8362, 0.0987, 0.2043



26.8362, 0.1371, 0.1391

Sweetspot

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



26.8360, 0.5855, 0.3548



66.8868, 0.3653, 0.3423



27.4211, 0.3652, 0.1851



13.5391, 0.3745, 0.3442



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.



26.8360, 0.5855, 0.3548



23.4476, 0.6219, 0.3444



56.3593, 0.4730, 0.4515



18.5506, 0.3290, 0.3336



12.4115, 0.6195, 0.3463



1.3500, 0.5992, 0.3624

Inverse Universe

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



55.1898, 0.2120, 0.2749



51.4144, 0.2070, 0.2651



17.7713, 0.1724, 0.1284



19.8545, 0.2980, 0.3243



27.0759, 0.2073, 0.2662



2.7813, 0.2095, 0.2742

Previews

White Background



This preview shows how the Yxy color 26.8362, 0.5855, 0.3548 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 26.8362, 0.5855, 0.3548 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 26.8362, 0.5855, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 26.8362, 0.5855, 0.3548.



This preview shows how white text looks on a background with the Yxy color 26.8362, 0.5855, 0.3548.

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

26.8362, 0.5855, 0.3548

Protanopia

26.8630, 0.4177, 0.4599

Deuteranopia

26.6339, 0.4719, 0.4635



Tritanopia

26.8422, 0.5505, 0.3274

Trichromacy



Original Color

26.8362, 0.5855, 0.3548

Protanomaly

24.7284, 0.4877, 0.4147

Deuteranomaly

25.3291, 0.5239, 0.4170

Tritanomaly

26.7878, 0.5659, 0.3390

Monochromacy



Original Color

26.8362, 0.5855, 0.3548

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.6118, 0.4231, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8362, 0.5855, 0.3548 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, 78, 36)` looks like.

```
.text, #text, p{  
  color:rgb(255, 78, 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(255, 78, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 36) }
```

Border

The CSS property to change the border of an element to Yxy 26.8362, 0.5855, 0.3548 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, 78, 36) }
```

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

```
.border{ border-color:rgb(255, 78, 36) }
```

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

Here you see how a box with a 4 pixel rgb(255, 78, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8362, 0.5855, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 36) }
```

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

```
.background{ background-color: rgb(255, 78,  
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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