

Converting Colors

$Yxy(26.2907, 0.5766, 0.3423)$

Have a look what the booklet for
Yxy(26.2907, 0.5766, 0.3423)
contains.

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Color

Yxy(26.2914, 0.5766, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	FF4936
RGB	255, 73, 54
RGB Percent	100%, 29%, 21%
CMY	0.0000, 0.7137, 0.7883
CMYK	0.00, 0.71, 0.79, 0.00
HSL	6°, 100%, 61%
HSV	6°, 79%, 100%
XYZ	44.2875, 26.2914, 6.2291
YIQ	125.2520, 114.5710, 32.6750

Conversions

Conversions Part 2

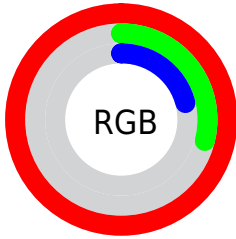
Format	Color
R_{YB}	255, 75, 54
Decimal	16730422
CIE _{Lab}	58.31, 67.32, 51.06
CIE _{LCh}	58, 84.492, 37.181
Yxy	26.2914, 0.5766, 0.3423
Android (android.graphics.Color)	4294920502 (0xFFFF4936)
YUV	125.2520, -35.1272, 113.7890
Hunter-Lab	51.2751, 64.4431, 28.6898

Details

The Yxy color **26.2914, 0.5766, 0.3423** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **67.9769, 0.2226, 0.3053**, and the grayscale version is **20.6917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7418, 0.4798, 0.3579**, and **10.8320, 0.6368, 0.3282** is the 20% darker color. If you saturate the color by 10%, you get **23.6209, 0.6115, 0.3391**, and if you desaturate by 10%, it is **30.2156, 0.5329, 0.3436**.

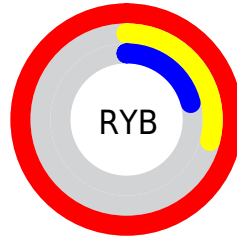
Distribution



Red (100%)

Green (29%)

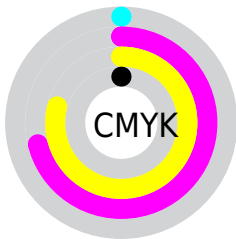
Blue (21%)



Red (100%)

Yellow (29%)

Blue (21%)

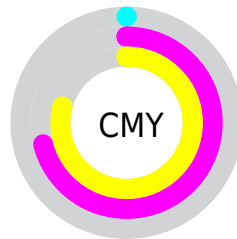


Cyan (0%)

Magenta (71%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2914, 0.5766, 0.3423 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 26.2914, 0.5766, 0.3423 by changing the saturation by 10% instead.


 26.2914, 0.5766,
0.3423


 26.2914, 0.5766,
0.3423


284.2096, 0.4382,
0.3511

 17.0418, 0.6091,
0.3338

 53.7447, 0.5269,
0.3501

 10.2643, 0.6479,
0.3194


 72.7171, 0.5079,
0.3516

 5.5745, 0.7016,
0.2984

 95.6993, 0.4917,
0.3523

 2.5881, 0.7455,
0.2545

 123.0755, 0.4778,
0.3525

 0.9207, 0.8081,
0.1919

 155.2303, 0.4659,
0.3524

 0.0000, 1.0000,
0.0000


 192.5480, 0.4555,

 0.0000, 0.0000,

0.3521


0.0000


235.4129, 0.4463,
0.3516


 26.2914, 0.5766,
0.3423


 26.2914, 0.5766,
0.3423


 23.6209, 0.6115,
0.3391


 30.2156, 0.5329,
0.3436


 22.0427, 0.6326,
0.3348

 35.5177, 0.4871,
0.3432


 21.9184, 0.6344,
0.3345

 42.3121, 0.4441,
0.3415

 50.6998, 0.4064,
0.3392

 60.7731, 0.3749,
0.3365

 72.6172, 0.3490,
0.3337

 86.3115, 0.3279,
0.3311

99.9994, 0.3127,
0.3290

Harmonies

Analogous

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



26.2914, 0.5091, 0.2667



26.2914, 0.5766, 0.3423



26.2914, 0.5443, 0.4276

Triad

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



26.2914, 0.5766, 0.3423



26.2914, 0.2214, 0.5374



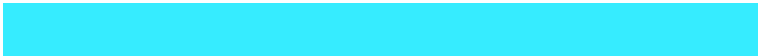
26.2914, 0.1502, 0.1433

Complementary

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



26.2914, 0.5766, 0.3423



67.9769, 0.2226, 0.3053

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.



26.2914, 0.1107, 0.1609



26.2914, 0.5766, 0.3423



26.2914, 0.1384, 0.3619

Square

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



26.2914, 0.5766, 0.3423



26.2914, 0.3358, 0.5949



26.2914, 0.1053, 0.2249



26.2914, 0.2334, 0.1576

Rectangle

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



26.2914, 0.5766, 0.3423



26.2914, 0.4864, 0.4923



26.2914, 0.1053, 0.2249



26.2914, 0.1328, 0.1453

Sweetspot

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



26.2930, 0.5766, 0.3423



66.2665, 0.3617, 0.3351



30.0843, 0.3375, 0.1750



13.3075, 0.3713, 0.3361



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.



26.2930, 0.5766, 0.3423



22.5310, 0.6261, 0.3364



50.7436, 0.4807, 0.4316



18.2634, 0.3292, 0.3313



11.5448, 0.6329, 0.3357



1.2126, 0.6188, 0.3468

Inverse Universe

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



67.9769, 0.2226, 0.3053



65.0553, 0.2172, 0.3000



26.1069, 0.1872, 0.1708



20.1701, 0.2980, 0.3267



33.7158, 0.2164, 0.2990



3.3648, 0.2174, 0.3027

Previews

White Background



This preview shows how the Yxy color 26.2914, 0.5766, 0.3423 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 26.2914, 0.5766, 0.3423 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 26.2914, 0.5766, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 26.2914, 0.5766, 0.3423.



This preview shows how white text looks on a background with the Yxy color 26.2914, 0.5766, 0.3423.

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

26.2914, 0.5766, 0.3423

Protanopia

26.4994, 0.3982, 0.4352

Deuteranopia

26.1516, 0.4567, 0.4480



Tritanopia

26.2609, 0.5579, 0.3275

Trichromacy



Original Color

26.2914, 0.5766, 0.3423

Protanomaly

23.9605, 0.4712, 0.3932

Deuteranomaly

24.5299, 0.5108, 0.4001

Tritanomaly

26.3000, 0.5648, 0.3333

Monochromacy



Original Color

26.2914, 0.5766, 0.3423

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9796, 0.4155, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2914, 0.5766, 0.3423 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, 54)` looks like.

```
.text, #text, p{
  color:rgb(255, 73, 54)
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 54) }
```

Border

The CSS property to change the border of an element to Yxy 26.2914, 0.5766, 0.3423 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, 54) }
```

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

```
.border{ border-color:rgb(255, 73, 54) }
```

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, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2914, 0.5766, 0.3423 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, 54) }
```

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

```
.background{ background-color: rgb(255, 73,  
54) }
```

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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