

Converting Colors

$Yxy(26.4184, 0.5652, 0.3347)$

Have a look what the booklet for
Yxy(26.4184, 0.5652, 0.3347)
contains.

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Color

Yxy(26.4184, 0.5652, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	FF4942
RGB	255, 73, 66
RGB Percent	100%, 29%, 26%
CMY	0.0000, 0.7138, 0.7412
CMYK	0.00, 0.71, 0.74, 0.00
HSL	2°, 100%, 63%
HSV	2°, 74%, 100%
XYZ	44.6121, 26.4184, 7.9011
YIQ	126.6200, 110.7190, 36.4070

Conversions

Conversions Part 2

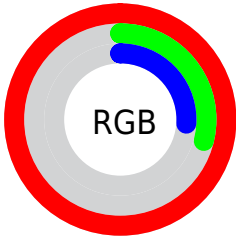
Format	Color
R_{YB}	255, 73, 66
Decimal	16730434
CIE _{Lab}	58.43, 67.75, 44.91
CIE _{LCh}	58, 81.281, 33.541
Yxy	26.4184, 0.5652, 0.3347
Android (android.graphics.Color)	4294920514 (0xFFFF4942)
YUV	126.6200, -29.8857, 112.5893
Hunter-Lab	51.3988, 64.9829, 26.8651

Details

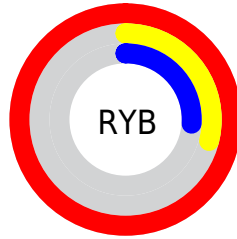
The Yxy color **26.4184, 0.5652, 0.3347** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.5214, 0.2285, 0.3204**, and the grayscale version is **21.1571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2729, 0.4665, 0.3475**, and **11.0013, 0.6271, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **23.5652, 0.6047, 0.3337**, and if you desaturate by 10%, it is **30.6728, 0.5184, 0.3349**.

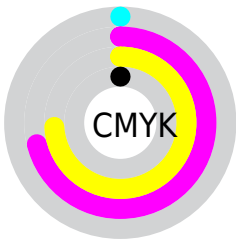
Distribution



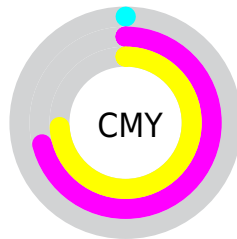
- Red (100%)
- Green (29%)
- Blue (26%)



- Red (100%)
- Yellow (29%)
- Blue (26%)



- Cyan (0%)
- Magenta (71%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4184, 0.5652, 0.3347 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 26.4184, 0.5652, 0.3347 by changing the saturation by 10% instead.

 26.4184, 0.5652,
0.3347


 26.4184, 0.5652,
0.3347

284.8300, 0.4312,
0.3450


 17.1369, 0.5979,
0.3268


 53.9492, 0.5162,
0.3422

 10.3322, 0.6380,
0.3136


 72.9672, 0.4978,
0.3439


 5.6197, 0.6917,
0.2933

 95.9996, 0.4822,
0.3448

 2.6153, 0.7460,
0.2540

 123.4307, 0.4689,
0.3453

 0.9343, 0.8084,
0.1916

 155.6449, 0.4575,
0.3454

 0.0000, 1.0000,
0.0000


 193.0265, 0.4475,


 0.0000, 0.0000,


0.3454


0.0000


235.9601, 0.4388,
0.3452


 26.4184, 0.5652,
0.3347


 26.4184, 0.5652,
0.3347


 23.5652, 0.6047,
0.3337


 30.6728, 0.5184,
0.3349


 21.9422, 0.6303,
0.3320


 36.4865, 0.4715,
0.3345


 21.4646, 0.6383,
0.3314

 43.9872, 0.4289,
0.3337

 53.2919, 0.3927,
0.3326

 64.5071, 0.3629,
0.3315

 77.7309, 0.3388,
0.3304

 93.0550, 0.3195,
0.3294

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.



26.4184, 0.4874, 0.2607



26.4184, 0.5652, 0.3347



26.4184, 0.5462, 0.4169

Triad

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



26.4184, 0.5652, 0.3347



26.4184, 0.2385, 0.5429



26.4184, 0.1480, 0.1486

Complementary

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



26.4184, 0.5652, 0.3347



75.5214, 0.2285, 0.3204

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.



26.4184, 0.1134, 0.1708



26.4184, 0.5652, 0.3347



26.4184, 0.1514, 0.3820

Square

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



26.4184, 0.5652, 0.3347



26.4184, 0.3517, 0.5817



26.4184, 0.1126, 0.2412



26.4184, 0.2238, 0.1589

Rectangle

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



26.4184, 0.5652, 0.3347



26.4184, 0.4949, 0.4786



26.4184, 0.1126, 0.2412



26.4184, 0.1324, 0.1519

Sweetspot

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



26.4157, 0.5652, 0.3347



67.1399, 0.3573, 0.3313



31.9765, 0.3263, 0.1732



13.6534, 0.3645, 0.3316



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.



26.4157, 0.5652, 0.3347



22.6325, 0.6192, 0.3329



49.2164, 0.4790, 0.4209



18.0946, 0.3294, 0.3299



11.2623, 0.6375, 0.3320



1.1328, 0.6315, 0.3368

Inverse Universe

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



75.5214, 0.2285, 0.3204



73.7517, 0.2232, 0.3185



31.5541, 0.1963, 0.1942



20.3595, 0.2980, 0.3281



38.1288, 0.2215, 0.3174



3.7470, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 26.4184, 0.5652, 0.3347 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 26.4184, 0.5652, 0.3347 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 26.4184, 0.5652, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 26.4184, 0.5652, 0.3347.



This preview shows how white text looks on a background with the Yxy color 26.4184, 0.5652, 0.3347.

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

26.4184, 0.5652, 0.3347

Protanopia

26.5266, 0.3815, 0.4144

Deuteranopia

26.4305, 0.4443, 0.4370



Tritanopia

26.4027, 0.5560, 0.3275

Trichromacy



Original Color

26.4184, 0.5652, 0.3347

Protanomaly

24.0171, 0.4545, 0.3774

Deuteranomaly

24.7312, 0.4969, 0.3906

Tritanomaly

26.3626, 0.5594, 0.3297

Monochromacy



Original Color

26.4184, 0.5652, 0.3347

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5340, 0.4088, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4184, 0.5652, 0.3347 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, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 66)  
}
```

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, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 66) }
```

Border

The CSS property to change the border of an element to Yxy 26.4184, 0.5652, 0.3347 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, 66) }
```

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

```
.border{ border-color:rgb(255, 73, 66) }
```

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, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4184, 0.5652, 0.3347 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, 66) }
```

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

```
.background{ background-color: rgb(255, 73,  
66) }
```

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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