

Converting Colors

$Y_{xy}(26.1612, 0.5651, 0.3321)$

Have a look what the booklet for
Yxy(26.1612, 0.5651, 0.3321)
contains.

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Color

Yxy(26.1838, 0.5645, 0.3319)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF4744 |
| RGB | 255, 71, 68 |
| RGB Percent | 100%, 28%, 27% |
| CMY | 0.0000, 0.7215, 0.7334 |
| CMYK | 0.00, 0.72, 0.73, 0.00 |
| HSL | 1°, 100%, 63% |
| HSV | 1°, 73%, 100% |
| XYZ | 44.5338, 26.1838, 8.1731 |
| YIQ | 125.6740, 110.6270, 38.0750 |

Conversions

Conversions Part 2

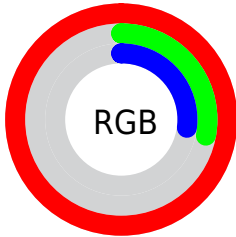
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 255, 71, 68 |
| Decimal | 16729924 |
| CIELab | 58.21, 68.47, 43.58 |
| CIELCh | 58, 81.166, 32.477 |
| Yxy | 26.1838, 0.5645, 0.3319 |
| Android (android.graphics.Color) | 4294920004 (0xFFFF4744) |
| YUV | 125.6740, -28.4333, 113.4189 |
| Hunter-Lab | 51.1701, 65.8023, 26.3491 |

Details

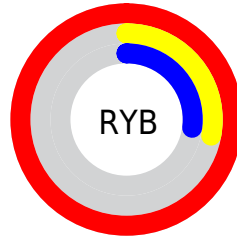
The Yxy color **26.1838, 0.5645, 0.3319** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **78.0353, 0.2301, 0.3251**, and the grayscale version is **20.8215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7770, 0.4657, 0.3435**, and **11.0090, 0.6253, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **23.3784, 0.6046, 0.3315**, and if you desaturate by 10%, it is **30.4433, 0.5171, 0.3319**.

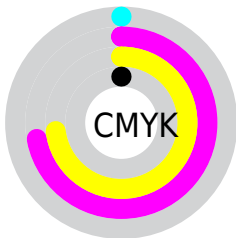
Distribution



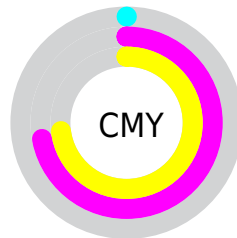
- Red (100%)
- Green (28%)
- Blue (27%)



- Red (100%)
- Yellow (28%)
- Blue (27%)



- Cyan (0%)
- Magenta (72%)
- Yellow (73%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1838, 0.5645, 0.3319 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 26.1838, 0.5645, 0.3319 by changing the saturation by 10% instead.


 26.1838, 0.5645,
0.3319


 26.1838, 0.5645,
0.3319

283.6832, 0.4304,
0.3433


 16.9612, 0.5975,
0.3239


 53.5713, 0.5154,
0.3397

 10.2068, 0.6381,
0.3105


 72.5050, 0.4969,
0.3415


 5.5363, 0.6917,
0.2898

 95.4445, 0.4813,
0.3426

 2.5652, 0.7490,
0.2510

 122.7742, 0.4680,
0.3432

 0.9092, 0.8119,
0.1881

 154.8786, 0.4566,
0.3434

 0.0000, 1.0000,
0.0000


192.1419, 0.4467,


 0.0000, 0.0000,


0.3435


0.0000


234.9487, 0.4380,
0.3434


 26.1838, 0.5645,
0.3319


 26.1838, 0.5645,
0.3319


 23.3784, 0.6046,
0.3315


 30.4433, 0.5171,
0.3319


 21.8298, 0.6305,
0.3308


 36.3121, 0.4697,
0.3317

 21.3482, 0.6393,
0.3306

 43.9308, 0.4270,
0.3312

 53.4233, 0.3907,
0.3307

 64.9024, 0.3611,
0.3301

 78.4720, 0.3372,
0.3296

 94.2285, 0.3182,
0.3292

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



26.1838, 0.4833, 0.2581



26.1838, 0.5645, 0.3319



26.1838, 0.5485, 0.4138

Triad

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



26.1838, 0.5645, 0.3319



26.1838, 0.2421, 0.5474



26.1838, 0.1459, 0.1486

Complementary

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



26.1838, 0.5645, 0.3319



78.0353, 0.2301, 0.3251

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.



26.1838, 0.1126, 0.1722



26.1838, 0.5645, 0.3319



26.1838, 0.1535, 0.3882

Square

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



26.1838, 0.5645, 0.3319



26.1838, 0.3557, 0.5808



26.1838, 0.1130, 0.2448



26.1838, 0.2201, 0.1579

Rectangle

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



26.1838, 0.5645, 0.3319



26.1838, 0.4983, 0.4753



26.1838, 0.1130, 0.2448



26.1838, 0.1308, 0.1523

Sweetspot

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



26.1854, 0.5645, 0.3319



66.6008, 0.3576, 0.3301



32.6099, 0.3202, 0.1702



13.5295, 0.3648, 0.3302



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.



26.1854, 0.5645, 0.3319



22.5153, 0.6188, 0.3312



47.3358, 0.4828, 0.4147



18.0343, 0.3294, 0.3294



11.1764, 0.6389, 0.3309



1.1041, 0.6362, 0.3330

Inverse Universe

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



78.0353, 0.2301, 0.3251



76.7172, 0.2250, 0.3243



34.1082, 0.1994, 0.2045



20.4277, 0.2980, 0.3286



39.7979, 0.2233, 0.3238



3.8906, 0.2234, 0.3244

Previews

White Background



This preview shows how the Yxy color 26.1838, 0.5645, 0.3319 looks on a white background.

Color Contrast Check

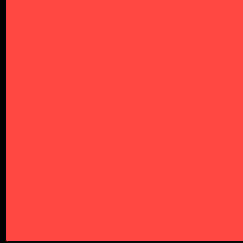
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1838, 0.5645, 0.3319 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 26.1838, 0.5645, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 26.1838, 0.5645, 0.3319.



This preview shows how white text looks on a background with the Yxy color 26.1838, 0.5645, 0.3319.

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

26.1838, 0.5645, 0.3319

Protanopia

26.1869, 0.3779, 0.4087

Deuteranopia

26.0593, 0.4427, 0.4344



Tritanopia

26.1214, 0.5597, 0.3276

Trichromacy



Original Color

26.1838, 0.5645, 0.3319

Protanomaly

23.7048, 0.4507, 0.3725

Deuteranomaly

24.1746, 0.4963, 0.3868

Tritanomaly

26.0953, 0.5619, 0.3290

Monochromacy



Original Color

26.1838, 0.5645, 0.3319

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.2122, 0.4081, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1838, 0.5645, 0.3319 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, 71, 68)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 68)  
}
```

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, 71, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 68) }
```

Border

The CSS property to change the border of an element to Yxy 26.1838, 0.5645, 0.3319 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, 71, 68) }
```

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

```
.border{ border-color:rgb(255, 71, 68) }
```

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

Here you see how a box with a 4 pixel rgb(255, 71, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 68);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1838, 0.5645, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 68) }
```

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

```
.background{ background-color: rgb(255, 71,  
68) }
```

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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