

Converting Colors

$Y_{xy}(28.4558, 0.5372, 0.3317)$

Have a look what the booklet for
Yxy(28.4558, 0.5372, 0.3317)
contains.

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Color

Yxy(28.3815, 0.5376, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	FF5553
RGB	255, 85, 83
RGB Percent	100%, 33%, 33%
CMY	0.0000, 0.6667, 0.6746
CMYK	0.00, 0.67, 0.67, 0.00
HSL	1°, 100%, 66%
HSV	1°, 67%, 100%
XYZ	46.0546, 28.3815, 11.2310
YIQ	135.6020, 101.9620, 35.4180

Conversions

Conversions Part 2

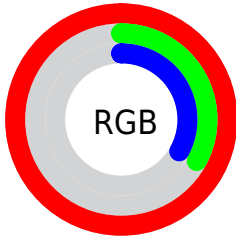
Format	Color
R_{YB}	255, 85, 83
Decimal	16733523
CIE _{Lab}	60.23, 64.13, 37.64
CIE _{LCh}	60, 74.362, 30.408
Yxy	28.3815, 0.5376, 0.3313
Android (android.graphics.Color)	4294923603 (0xFFFF5553)
YUV	135.6020, -25.9328, 104.7120
Hunter-Lab	53.2743, 61.0799, 24.7929

Details

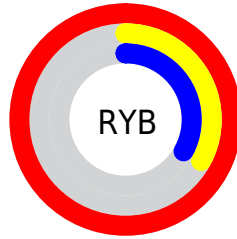
The Yxy color **28.3815, 0.5376, 0.3313** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **79.3053, 0.2335, 0.3264**, and the grayscale version is **24.5303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5984, 0.4410, 0.3397**, and **11.4117, 0.6055, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **24.7696, 0.5830, 0.3312**, and if you desaturate by 10%, it is **33.5463, 0.4893, 0.3312**.

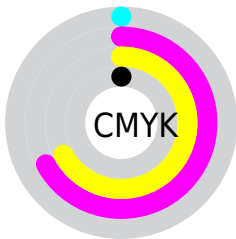
Distribution



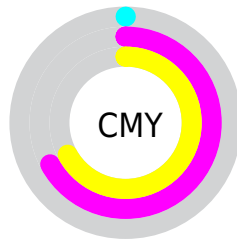
- Red (100%)
- Green (33%)
- Blue (33%)



- Red (100%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3815, 0.5376, 0.3313 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 28.3815, 0.5376, 0.3313 by changing the saturation by 10% instead.


 28.3815, 0.5376,
0.3313


 28.3815, 0.5376,
0.3313


294.2854, 0.4177,
0.3398


 18.6134, 0.5679,
0.3253

 57.0930, 0.4932,
0.3371

 11.3913, 0.6061,
0.3153


 76.8051, 0.4767,
0.3385


 6.3307, 0.6542,
0.2980


 100.6008, 0.4628,
0.3393

 3.0472, 0.7274,
0.2726

 128.8644, 0.4510,
0.3397

 1.1564, 0.7853,
0.2147

 161.9802, 0.4409,
0.3399

 0.0257, 0.9862,
0.0138

200.3327, 0.4321,


 0.0000, 1.0000,


0.3400


0.0000


244.3063, 0.4245,
0.3399


 0.0000, 0.0000,
0.0000


 28.3815, 0.5376,
0.3313

 28.3815, 0.5376,
0.3313


 24.7696, 0.5830,
0.3312

 33.5463, 0.4893,
0.3312

 22.5419, 0.6178,
0.3309


 40.4190, 0.4441,
0.3308

 21.4779, 0.6365,
0.3304

 49.1292, 0.4050,
0.3304

 21.3245, 0.6395,
0.3304

 59.7957, 0.3726,
0.3300

 72.5271, 0.3465,
0.3296

 87.4244, 0.3255,
0.3293

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.



28.3815, 0.4578, 0.2612



28.3815, 0.5376, 0.3313



28.3815, 0.5333, 0.4084

Triad

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



28.3815, 0.5376, 0.3313



28.3815, 0.2592, 0.5263



28.3815, 0.1557, 0.1630

Complementary

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



28.3815, 0.5376, 0.3313



79.3053, 0.2335, 0.3264

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.



28.3815, 0.1261, 0.1893



28.3815, 0.5376, 0.3313



28.3815, 0.1732, 0.3934

Square

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



28.3815, 0.5376, 0.3313



28.3815, 0.3654, 0.5537



28.3815, 0.1299, 0.2622



28.3815, 0.2229, 0.1694

Rectangle

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



28.3815, 0.5376, 0.3313



28.3815, 0.4926, 0.4638



28.3815, 0.1299, 0.2622



28.3815, 0.1420, 0.1677

Sweetspot

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



28.3796, 0.5376, 0.3313



69.0886, 0.3526, 0.3297



34.6640, 0.3198, 0.1777



14.0086, 0.3597, 0.3298



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.



28.3796, 0.5376, 0.3313



23.8324, 0.5969, 0.3311



50.2572, 0.4666, 0.4115



18.0209, 0.3294, 0.3293



11.1572, 0.6393, 0.3306



1.0978, 0.6373, 0.3322

Inverse Universe

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



79.3053, 0.2335, 0.3264



77.8525, 0.2272, 0.3259



37.4311, 0.2067, 0.2161



20.4429, 0.2980, 0.3287



40.1765, 0.2237, 0.3252



3.9231, 0.2238, 0.3256

Previews

White Background



This preview shows how the Yxy color 28.3815, 0.5376, 0.3313 looks on a white background.

Color Contrast Check

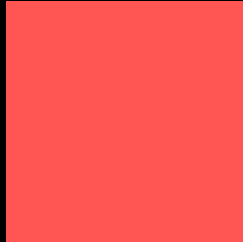
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3815, 0.5376, 0.3313 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 28.3815, 0.5376, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 28.3815, 0.5376, 0.3313.



This preview shows how white text looks on a background with the Yxy color 28.3815, 0.5376, 0.3313.

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

28.3815, 0.5376, 0.3313

Protanopia

28.3593, 0.3646, 0.3911

Deuteranopia

28.5434, 0.4270, 0.4194



Tritanopia

28.3219, 0.5311, 0.3255

Trichromacy



Original Color

28.3815, 0.5376, 0.3313

Protanomaly

26.2542, 0.4293, 0.3633

Deuteranomaly

26.9949, 0.4734, 0.3796

Tritanomaly

28.2888, 0.5335, 0.3272

Monochromacy



Original Color

28.3815, 0.5376, 0.3313

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5906, 0.3930, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3815, 0.5376, 0.3313 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, 85, 83)` looks like.

```
.text, #text, p{  
  color:rgb(255, 85, 83)  
}
```

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, 85, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 83) }
```

Border

The CSS property to change the border of an element to Yxy 28.3815, 0.5376, 0.3313 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, 85, 83) }
```

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

```
.border{ border-color:rgb(255, 85, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 85, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3815, 0.5376, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 83) }
```

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

```
.background{ background-color: rgb(255, 85,  
83) }
```

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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