

Converting Colors

$Y_{xy}(28.2720, 0.5423, 0.3342)$

Have a look what the booklet for
Yxy(28.2720, 0.5423, 0.3342)
contains.

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Color

Yxy(28.3215, 0.5421, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	FF554F
RGB	255, 85, 79
RGB Percent	100%, 33%, 31%
CMY	0.0000, 0.6666, 0.6901
CMYK	0.00, 0.67, 0.69, 0.00
HSL	2°, 100%, 65%
HSV	2°, 69%, 100%
XYZ	45.8986, 28.3215, 10.4481
YIQ	135.1460, 103.2460, 34.1740

Conversions

Conversions Part 2

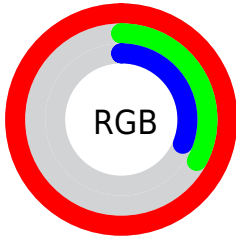
Format	Color
R_{YB}	255, 85, 79
Decimal	16733519
CIE Lab	60.18, 63.92, 39.78
CIE LCh	60, 75.287, 31.894
Yxy	28.3215, 0.5421, 0.3345
Android (android.graphics.Color)	4294923599 (0xFFFF554F)
YUV	135.1460, -27.6800, 105.1120
Hunter-Lab	53.2179, 60.8186, 25.6124

Details

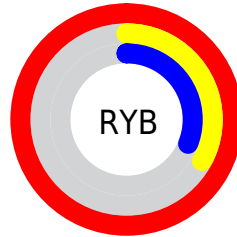
The Yxy color **28.3215, 0.5421, 0.3345** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **76.6309, 0.2315, 0.3216**, and the grayscale version is **24.3649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4899, 0.4452, 0.3438**, and **11.3872, 0.6106, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **24.7929, 0.5863, 0.3339**, and if you desaturate by 10%, it is **33.3446, 0.4944, 0.3344**.

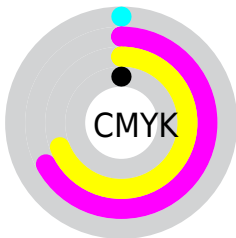
Distribution



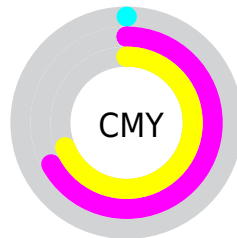
- Red (100%)
- Green (33%)
- Blue (31%)



- Red (100%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3215, 0.5421, 0.3345 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 28.3215, 0.5421, 0.3345 by changing the saturation by 10% instead.


 28.3215, 0.5421,
0.3345


 28.3215, 0.5421,
0.3345


294.0000, 0.4201,
0.3420


 18.5682, 0.5727,
0.3285


 56.9973, 0.4971,
0.3402


 11.3587, 0.6108,
0.3182


 76.6886, 0.4803,
0.3414


 6.3086, 0.6587,
0.3005


 100.4613, 0.4662,
0.3421

 3.0336, 0.7271,
0.2729

 128.6998, 0.4542,
0.3424

 1.1493, 0.7851,
0.2149

 161.7885, 0.4439,
0.3425

 0.0197, 0.9893,
0.0107

200.1119, 0.4349,


 0.0000, 1.0000,


0.3424

0.0000

244.0542, 0.4270,
0.3423

 0.0000, 0.0000,
0.0000

 28.3215, 0.5421,
0.3345


 28.3215, 0.5421,
0.3345


 24.7929, 0.5863,
0.3339


 33.3446, 0.4944,
0.3344

 22.5897, 0.6196,
0.3327


 39.9978, 0.4492,
0.3338


 21.5065, 0.6373,
0.3313

 48.4071, 0.4097,
0.3329

 21.4474, 0.6384,
0.3313

 58.6847, 0.3767,
0.3318

 70.9336, 0.3499,
0.3308

 85.2492, 0.3284,
0.3298

99.9987, 0.3127,
0.3290

Harmonies

Analogous

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



28.3215, 0.4653, 0.2636



28.3215, 0.5421, 0.3345



28.3215, 0.5333, 0.4125

Triad

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



28.3215, 0.5421, 0.3345



28.3215, 0.2532, 0.5246



28.3215, 0.1566, 0.1610

Complementary

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



28.3215, 0.5421, 0.3345



76.6309, 0.2315, 0.3216

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.



28.3215, 0.1251, 0.1855



28.3215, 0.5421, 0.3345



28.3215, 0.1683, 0.3865

Square

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



28.3215, 0.5421, 0.3345



28.3215, 0.3599, 0.5579



28.3215, 0.1271, 0.2561



28.3215, 0.2264, 0.1690

Rectangle

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



28.3215, 0.5421, 0.3345



28.3215, 0.4901, 0.4687



28.3215, 0.1271, 0.2561



28.3215, 0.1422, 0.1652

Sweetspot

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



28.3231, 0.5421, 0.3345



68.3402, 0.3548, 0.3310



33.7009, 0.3255, 0.1794



13.8843, 0.3619, 0.3313



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.



28.3231, 0.5421, 0.3345



23.7667, 0.6013, 0.3335



51.6615, 0.4659, 0.4181



18.0862, 0.3294, 0.3299



11.2503, 0.6377, 0.3318



1.1288, 0.6321, 0.3363

Inverse Universe

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



76.6309, 0.2315, 0.3216



74.7445, 0.2250, 0.3200



34.4214, 0.2027, 0.2050



20.3689, 0.2980, 0.3281



38.3582, 0.2218, 0.3183



3.7668, 0.2221, 0.3196

Previews

White Background



This preview shows how the Yxy color 28.3215, 0.5421, 0.3345 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 28.3215, 0.5421, 0.3345 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 28.3215, 0.5421, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 28.3215, 0.5421, 0.3345.



This preview shows how white text looks on a background with the Yxy color 28.3215, 0.5421, 0.3345.

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

28.3215, 0.5421, 0.3345

Protanopia

28.3585, 0.3708, 0.3987

Deuteranopia

28.1903, 0.4324, 0.4239



Tritanopia

28.3219, 0.5311, 0.3255

Trichromacy



Original Color

28.3215, 0.5421, 0.3345

Protanomaly

26.2937, 0.4365, 0.3696

Deuteranomaly

26.9401, 0.4776, 0.3837

Tritanomaly

28.2565, 0.5359, 0.3288

Monochromacy



Original Color

28.3215, 0.5421, 0.3345

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5441, 0.3957, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3215, 0.5421, 0.3345 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, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 79)  
}
```

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, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 79) }
```

Border

The CSS property to change the border of an element to Yxy 28.3215, 0.5421, 0.3345 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, 79) }
```

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

```
.border{ border-color:rgb(255, 85, 79) }
```

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, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3215, 0.5421, 0.3345 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, 79) }
```

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

```
.background{ background-color: rgb(255, 85,  
79) }
```

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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