

Converting Colors

$Yxy(39.5371, 0.5620, 0.3371)$

Have a look what the booklet for
Yxy(39.5371, 0.5620, 0.3371)
contains.

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Color

Yxy(29.4935, 0.5356, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C50
RGB	255, 92, 80
RGB Percent	100%, 36%, 31%
CMY	0.0000, 0.6392, 0.6861
CMYK	0.00, 0.64, 0.69, 0.00
HSL	4°, 100%, 66%
HSV	4°, 69%, 100%
XYZ	46.5157, 29.4935, 10.8386
YIQ	139.3690, 101.0000, 30.8240

Conversions

Conversions Part 2

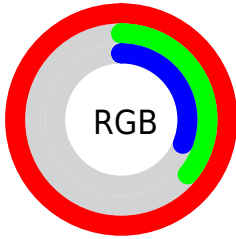
Format	Color
R_{YB}	255, 93, 80
Decimal	16735312
CIE _{Lab}	61.21, 61.20, 40.44
CIE _{LCh}	61, 73.356, 33.454
Yxy	29.4935, 0.5356, 0.3396
Android (android.graphics.Color)	4294925392 (0xFFFF5C50)
YUV	139.3690, -29.2689, 101.4084
Hunter-Lab	54.3079, 57.8494, 26.1826

Details

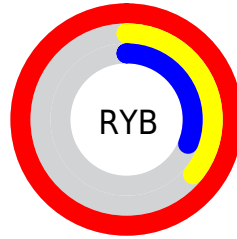
The Yxy color **29.4935, 0.5356, 0.3396** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **73.0458, 0.2299, 0.3144**, and the grayscale version is **26.0576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3666, 0.4407, 0.3490**, and **12.0224, 0.6017, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **25.6959, 0.5798, 0.3386**, and if you desaturate by 10%, it is **34.7272, 0.4889, 0.3393**.

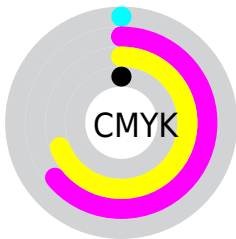
Distribution



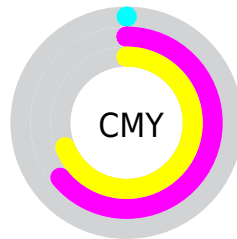
- Red (100%)
- Green (36%)
- Blue (31%)



- Red (100%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4935, 0.5356, 0.3396 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 29.4935, 0.5356, 0.3396 by changing the saturation by 10% instead.


 29.4935, 0.5356,
0.3396


 29.4935, 0.5356,
0.3396


299.5364, 0.4177,
0.3442


 19.4545, 0.5650,
0.3345


 58.8603, 0.4923,
0.3441


 11.9991, 0.6017,
0.3255


 78.9568, 0.4761,
0.3449


 6.7431, 0.6475,
0.3096


 103.1745, 0.4624,
0.3452

 3.3019, 0.7148,
0.2852

 131.8980, 0.4508,
0.3453

 1.2913, 0.7701,
0.2299

 165.5115, 0.4408,
0.3451

 0.1345, 0.9335,
0.0665

204.3995, 0.4321,


 0.0000, 1.0000,

0.3449


0.0000

248.9463, 0.4244,
0.3445


 0.0000, 0.0000,
0.0000


 29.4935, 0.5356,
0.3396


 29.4935, 0.5356,
0.3396


 25.6959, 0.5798,
0.3386


 34.7272, 0.4889,
0.3393


 23.1871, 0.6144,
0.3362


 41.5156, 0.4451,
0.3381


 21.7941, 0.6345,
0.3331

 49.9706, 0.4068,
0.3364

 21.6741, 0.6365,
0.3328

 60.1925, 0.3748,
0.3344

 72.2736, 0.3487,
0.3324

 86.2998, 0.3276,
0.3305

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.



29.4935, 0.4652, 0.2696



29.4935, 0.5356, 0.3396



29.4935, 0.5246, 0.4163

Triad

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



29.4935, 0.5356, 0.3396



29.4935, 0.2512, 0.5107



29.4935, 0.1636, 0.1655

Complementary

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



29.4935, 0.5356, 0.3396



73.0458, 0.2299, 0.3144

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.



29.4935, 0.1309, 0.1880



29.4935, 0.5356, 0.3396



29.4935, 0.1701, 0.3771

Square

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



29.4935, 0.5356, 0.3396



29.4935, 0.3548, 0.5506



29.4935, 0.1315, 0.2545



29.4935, 0.2341, 0.1746

Rectangle

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



29.4935, 0.5356, 0.3396



29.4935, 0.4819, 0.4706



29.4935, 0.1315, 0.2545



29.4935, 0.1489, 0.1691

Sweetspot

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



29.4952, 0.5356, 0.3396



69.2150, 0.3544, 0.3329



33.4941, 0.3312, 0.1839



14.0871, 0.3615, 0.3334



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.



29.4952, 0.5356, 0.3396



24.7095, 0.5929, 0.3379



54.1529, 0.4599, 0.4232



18.1864, 0.3293, 0.3307



11.3988, 0.6353, 0.3338



1.1763, 0.6245, 0.3424

Inverse Universe

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



73.0458, 0.2299, 0.3144



70.5298, 0.2230, 0.3112



32.6557, 0.2013, 0.1979



20.2561, 0.2980, 0.3273



35.6802, 0.2187, 0.3075



3.5354, 0.2195, 0.3101

Previews

White Background



This preview shows how the Yxy color 29.4935, 0.5356, 0.3396 looks on a white background.

Color Contrast Check

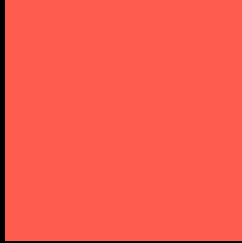
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4935, 0.5356, 0.3396 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 29.4935, 0.5356, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 29.4935, 0.5356, 0.3396.



This preview shows how white text looks on a background with the Yxy color 29.4935, 0.5356, 0.3396.

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

29.4935, 0.5356, 0.3396

Protanopia

29.5735, 0.3737, 0.4036

Deuteranopia

29.5720, 0.4323, 0.4234



Tritanopia

29.5867, 0.5176, 0.3252

Trichromacy



Original Color

29.4935, 0.5356, 0.3396

Protanomaly

27.8308, 0.4348, 0.3758

Deuteranomaly

28.2156, 0.4746, 0.3869

Tritanomaly

29.4804, 0.5249, 0.3305

Monochromacy



Original Color

29.4935, 0.5356, 0.3396

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0508, 0.3917, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4935, 0.5356, 0.3396 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, 92, 80)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 80)  
}
```

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, 92, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 80) }
```

Border

The CSS property to change the border of an element to Yxy 29.4935, 0.5356, 0.3396 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, 92, 80) }
```

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

```
.border{ border-color:rgb(255, 92, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4935, 0.5356, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 80) }
```

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

```
.background{ background-color: rgb(255, 92,  
80) }
```

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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