

Converting Colors

$Yxy(29.6679, 0.5349, 0.3405)$

Have a look what the booklet for
Yxy(29.6679, 0.5349, 0.3405)
contains.

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Color

Yxy(29.6679, 0.5349, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	FF5D50
RGB	255, 93, 80
RGB Percent	100%, 36%, 31%
CMY	0.0000, 0.6353, 0.6863
CMYK	0.00, 0.64, 0.69, 0.00
HSL	4°, 100%, 66%
HSV	4°, 69%, 100%
XYZ	46.6060, 29.6679, 10.8564
YIQ	139.9560, 100.7250, 30.3010

Conversions

Conversions Part 2

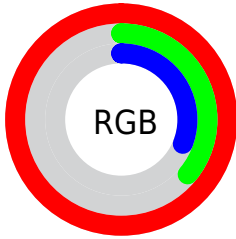
Format	Color
RYB	255, 94, 80
Decimal	16735568
CIELab	61.37, 60.80, 40.65
CIELCh	61, 73.140, 33.764
Yxy	29.6679, 0.5349, 0.3405
Android (android.graphics.Color)	4294925648 (0xFFFF5D50)
YUV	139.9560, -29.5583, 100.8936
Hunter-Lab	54.4682, 57.4151, 26.3103

Details

The Yxy color **29.6679, 0.5349, 0.3405** 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 **72.4232, 0.2296, 0.3131**, and the grayscale version is **26.2928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6844, 0.4401, 0.3501**, and **12.0706, 0.6011, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **25.8354, 0.5790, 0.3394**, and if you desaturate by 10%, it is **34.9194, 0.4884, 0.3402**.

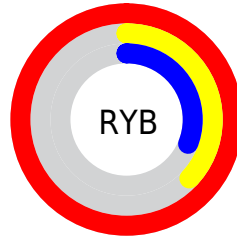
Distribution



Red (100%)

Green (36%)

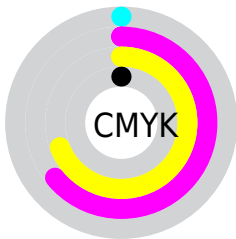
Blue (31%)



Red (100%)

Yellow (37%)

Blue (31%)

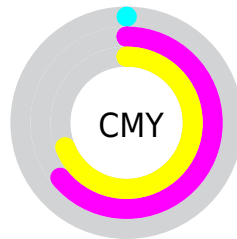


Cyan (0%)

Magenta (64%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (64%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.6679, 0.5349, 0.3405 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 29.6679, 0.5349, 0.3405 by changing the saturation by 10% instead.


 29.6679, 0.5349,
0.3405


 29.6679, 0.5349,
0.3405


300.3534, 0.4175,
0.3446


 19.5867, 0.5641,
0.3355


 59.1366, 0.4918,
0.3448


 12.0949, 0.6006,
0.3267


 79.2928, 0.4756,
0.3455


 6.8084, 0.6461,
0.3110


 103.5761, 0.4620,
0.3458

 3.3425, 0.7130,
0.2870

 132.3710, 0.4504,
0.3458

 1.3131, 0.7679,
0.2321

 166.0618, 0.4405,
0.3456

 0.1513, 0.9262,
0.0738


205.0328, 0.4318,

 0.0000, 1.0000,

0.3453

0.0000


249.6685, 0.4242,
0.3450


 0.0000, 0.0000,
0.0000


 29.6679, 0.5349,
0.3405


 29.6679, 0.5349,
0.3405


 25.8354, 0.5790,
0.3394


 34.9194, 0.4884,
0.3402


 23.2860, 0.6137,
0.3368

 41.7142, 0.4447,
0.3389

 21.8484, 0.6341,
0.3334

 50.1592, 0.4066,
0.3370

 21.7242, 0.6360,
0.3332

 60.3529, 0.3747,
0.3349

 72.3859, 0.3487,
0.3327

 86.3427, 0.3276,
0.3307

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.



29.6679, 0.4656, 0.2705



29.6679, 0.5349, 0.3405



29.6679, 0.5233, 0.4171

Triad

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



29.6679, 0.5349, 0.3405



29.6679, 0.2506, 0.5086



29.6679, 0.1647, 0.1660

Complementary

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



29.6679, 0.5349, 0.3405



72.4232, 0.2296, 0.3131

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.



29.6679, 0.1317, 0.1881



29.6679, 0.5349, 0.3405



29.6679, 0.1701, 0.3754

Square

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



29.6679, 0.5349, 0.3405



29.6679, 0.3538, 0.5498



29.6679, 0.1319, 0.2539



29.6679, 0.2354, 0.1754

Rectangle

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



29.6679, 0.5349, 0.3405



29.6679, 0.4806, 0.4711



29.6679, 0.1319, 0.2539



29.6679, 0.1498, 0.1695

Sweetspot

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



29.6668, 0.5349, 0.3405



69.3672, 0.3544, 0.3332



33.4863, 0.3312, 0.1838



14.1225, 0.3614, 0.3338



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.



29.6668, 0.5349, 0.3405



24.8415, 0.5920, 0.3387



54.1435, 0.4600, 0.4233



18.2038, 0.3293, 0.3308



11.4287, 0.6348, 0.3342



1.1845, 0.6232, 0.3434

Inverse Universe

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



72.4232, 0.2296, 0.3131



69.7991, 0.2226, 0.3097



32.6431, 0.2013, 0.1978



20.2366, 0.2980, 0.3272



35.2300, 0.2182, 0.3056



3.4964, 0.2190, 0.3084

Previews

White Background



This preview shows how the Yxy color 29.6679, 0.5349, 0.3405 looks on a white background.

Color Contrast Check

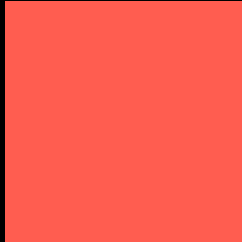
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6679, 0.5349, 0.3405 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 29.6679, 0.5349, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 29.6679, 0.5349, 0.3405.



This preview shows how white text looks on a background with the Yxy color 29.6679, 0.5349, 0.3405.

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

29.6679, 0.5349, 0.3405

Protanopia

29.6770, 0.3749, 0.4032

Deuteranopia

29.5720, 0.4323, 0.4234



Tritanopia

29.6052, 0.5164, 0.3243

Trichromacy



Original Color

29.6679, 0.5349, 0.3405

Protanomaly

27.8308, 0.4348, 0.3758

Deuteranomaly

28.4650, 0.4736, 0.3881

Tritanomaly

29.6696, 0.5230, 0.3305

Monochromacy



Original Color

29.6679, 0.5349, 0.3405

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4190, 0.3924, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6679, 0.5349, 0.3405 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, 93, 80)` looks like.

```
.text, #text, p{  
  color:rgb(255, 93, 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, 93, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 80) }
```

Border

The CSS property to change the border of an element to Yxy 29.6679, 0.5349, 0.3405 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, 93, 80) }
```

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

```
.border{ border-color:rgb(255, 93, 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, 93, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6679, 0.5349, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 80) }
```

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

```
.background{ background-color: rgb(255, 93,  
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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