

Converting Colors

$Y_{xy}(29.5544, 0.5312, 0.3364)$

Have a look what the booklet for
Yxy(29.5544, 0.5312, 0.3364)
contains.

Yxy(29.5544, 0.5312, 0.3364)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.5544, 0.5312, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C54
RGB	255, 92, 84
RGB Percent	100%, 36%, 33%
CMY	0.0000, 0.6392, 0.6706
CMYK	0.00, 0.64, 0.67, 0.00
HSL	3°, 100%, 66%
HSV	3°, 67%, 100%
XYZ	46.6685, 29.5544, 11.6320
YIQ	139.8250, 99.7160, 32.0680

Conversions

Conversions Part 2

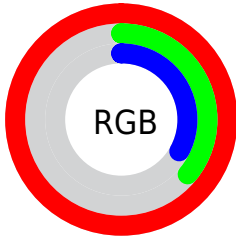
Format	Color
R_{YB}	255, 92, 84
Decimal	16735316
CIE _{Lab}	61.27, 61.41, 38.32
CIE _{LCh}	61, 72.382, 31.967
Yxy	29.5544, 0.5312, 0.3364
Android (android.graphics.Color)	4294925396 (0xFFFF5C54)
YUV	139.8250, -27.5217, 101.0085
Hunter-Lab	54.3640, 58.0957, 25.3688

Details

The Yxy color **29.5544, 0.5312, 0.3364** 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 **75.6222, 0.2320, 0.3192**, and the grayscale version is **26.2346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4761, 0.4366, 0.3449**, and **12.0002, 0.5974, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **25.6686, 0.5765, 0.3358**, and if you desaturate by 10%, it is **34.9377, 0.4840, 0.3361**.

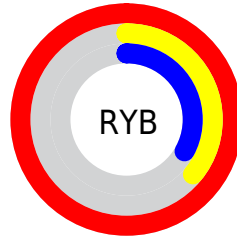
Distribution



Red (100%)

Green (36%)

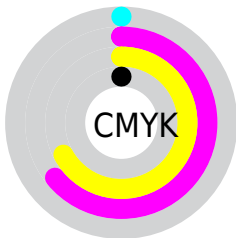
Blue (33%)



Red (100%)

Yellow (36%)

Blue (33%)

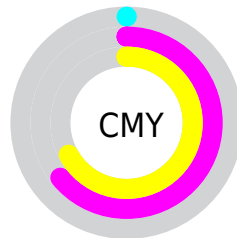


Cyan (0%)

Magenta (64%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (64%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5544, 0.5312, 0.3364 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 29.5544, 0.5312, 0.3364 by changing the saturation by 10% instead.


 29.5544, 0.5312,
0.3364


 29.5544, 0.5312,
0.3364


299.8219, 0.4153,
0.3419

 19.5006, 0.5604,
0.3313


 58.9568, 0.4884,
0.3410

 12.0326, 0.5970,
0.3225


 79.0741, 0.4725,
0.3420


 6.7659, 0.6432,
0.3071

 103.3148, 0.4591,
0.3424

 3.3161, 0.7151,
0.2849

 132.0632, 0.4477,
0.3426

 1.2989, 0.7703,
0.2297

 165.7037, 0.4379,
0.3426

 0.1404, 0.9314,
0.0686

204.6208, 0.4293,

 0.0000, 1.0000,

0.3424


0.0000

249.1987, 0.4219,
0.3422

 0.0000, 0.0000,
0.0000

 29.5544, 0.5312,
0.3364

 29.5544, 0.5312,
0.3364


 25.6686, 0.5765,
0.3358


 34.9377, 0.4840,
0.3361

 23.1263, 0.6127,
0.3343


 41.9465, 0.4402,
0.3352


 21.7452, 0.6340,
0.3321

 50.6984, 0.4022,
0.3339

 21.5215, 0.6378,
0.3318

 61.2993, 0.3708,
0.3325

 73.8468, 0.3453,
0.3312

 88.4314, 0.3247,
0.3299

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.



29.5544, 0.4579, 0.2672



29.5544, 0.5312, 0.3364



29.5544, 0.5245, 0.4122

Triad

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



29.5544, 0.5312, 0.3364



29.5544, 0.2571, 0.5125



29.5544, 0.1627, 0.1675

Complementary

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



29.5544, 0.5312, 0.3364



75.6222, 0.2320, 0.3192

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.



29.5544, 0.1319, 0.1918



29.5544, 0.5312, 0.3364



29.5544, 0.1749, 0.3836

Square

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



29.5544, 0.5312, 0.3364



29.5544, 0.3601, 0.5467



29.5544, 0.1343, 0.2604



29.5544, 0.2307, 0.1750

Rectangle

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



29.5544, 0.5312, 0.3364



29.5544, 0.4842, 0.4657



29.5544, 0.1343, 0.2604



29.5544, 0.1487, 0.1716

Sweetspot

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



29.5554, 0.5312, 0.3364



69.9493, 0.3522, 0.3316



34.4588, 0.3252, 0.1820



14.2095, 0.3593, 0.3320



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.



29.5554, 0.5312, 0.3364



24.7889, 0.5884, 0.3355



52.6378, 0.4608, 0.4167



18.1233, 0.3293, 0.3302



11.3032, 0.6368, 0.3325



1.1464, 0.6292, 0.3386

Inverse Universe

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



75.6222, 0.2320, 0.3192



73.5001, 0.2253, 0.3172



35.5840, 0.2054, 0.2091



20.3270, 0.2980, 0.3278



37.3495, 0.2206, 0.3143



3.6798, 0.2211, 0.3161

Previews

White Background



This preview shows how the Yxy color 29.5544, 0.5312, 0.3364 looks on a white background.

Color Contrast Check

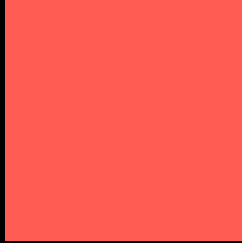
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5544, 0.5312, 0.3364 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 29.5544, 0.5312, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 29.5544, 0.5312, 0.3364.



This preview shows how white text looks on a background with the Yxy color 29.5544, 0.5312, 0.3364.

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

29.5544, 0.5312, 0.3364

Protanopia

29.6733, 0.3688, 0.3959

Deuteranopia

29.5028, 0.4276, 0.4193



Tritanopia

29.5867, 0.5176, 0.3252

Trichromacy



Original Color

29.5544, 0.5312, 0.3364

Protanomaly

27.9035, 0.4302, 0.3707

Deuteranomaly

28.2713, 0.4705, 0.3828

Tritanomaly

29.5149, 0.5225, 0.3288

Monochromacy



Original Color

29.5544, 0.5312, 0.3364

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4671, 0.3899, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5544, 0.5312, 0.3364 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 84) }
```

Border

The CSS property to change the border of an element to Yxy 29.5544, 0.5312, 0.3364 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, 84) }
```

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

```
.border{ border-color:rgb(255, 92, 84) }
```

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, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5544, 0.5312, 0.3364 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, 84) }
```

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

```
.background{ background-color: rgb(255, 92,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor