

Converting Colors

$Y_{xy}(30.2285, 0.5117, 0.3255)$

Have a look what the booklet for
Yxy(30.2285, 0.5117, 0.3255)
contains.

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Color

Yxy(30.1663, 0.5119, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E63
RGB	255, 94, 99
RGB Percent	100%, 37%, 39%
CMY	0.0000, 0.6314, 0.6117
CMYK	0.00, 0.63, 0.61, 0.00
HSL	358°, 100%, 68%
HSV	358°, 63%, 100%
XYZ	47.4996, 30.1663, 15.1249
YIQ	142.7090, 94.3510, 35.6870

Conversions

Conversions Part 2

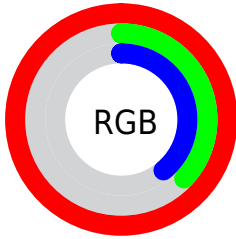
Format	Color
R_{YB}	255, 94, 99
Decimal	16735843
CIE _{Lab}	61.80, 61.45, 30.55
CIE _{LCh}	62, 68.627, 26.437
Yxy	30.1663, 0.5119, 0.3251
Android (android.graphics.Color)	4294925923 (0xFFFF5E63)
YUV	142.7090, -21.5485, 98.4792
Hunter-Lab	54.9239, 58.2549, 22.1194

Details

The Yxy color **30.1663, 0.5119, 0.3251** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **80.8005, 0.2387, 0.3347**, and the grayscale version is **27.4031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5952, 0.4189, 0.3304**, and **12.3829, 0.5757, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **25.9525, 0.5592, 0.3255**, and if you desaturate by 10%, it is **36.0190, 0.4652, 0.3252**.

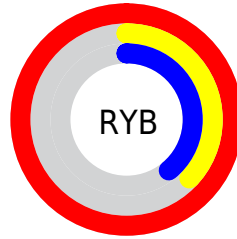
Distribution



Red (100%)

Green (37%)

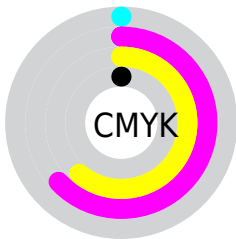
Blue (39%)



Red (100%)

Yellow (37%)

Blue (39%)

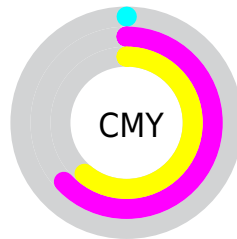


Cyan (0%)

Magenta (63%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1663, 0.5119, 0.3251 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 30.1663, 0.5119, 0.3251 by changing the saturation by 10% instead.


 30.1663, 0.5119,
0.3251


 30.1663, 0.5119,
0.3251


302.6788, 0.4056,
0.3341


 19.9648, 0.5394,
0.3201


 59.9251, 0.4722,
0.3303

 12.3695, 0.5747,
0.3121


 80.2512, 0.4576,
0.3317

 6.9958, 0.6206,
0.2984


 104.7210, 0.4453,
0.3326

 3.4595, 0.6849,
0.2759

 133.7188, 0.4350,
0.3332

 1.3761, 0.7670,
0.2330

167.6291, 0.4260,
0.3336

 0.1990, 0.9097,
0.0903

206.8363, 0.4183,

 0.0000, 1.0000,


0.3339


0.0000


251.7248, 0.4116,
0.3340


 0.0000, 0.0000,
0.0000


 30.1663, 0.5119,
0.3251


 30.1663, 0.5119,
0.3251


 25.9525, 0.5592,
0.3255

 36.0190, 0.4652,
0.3252


 23.2140, 0.6002,
0.3266


 43.6597, 0.4234,
0.3257


 21.7460, 0.6279,
0.3281

 53.2162, 0.3881,
0.3265

 21.2774, 0.6379,
0.3288

 64.8056, 0.3593,
0.3272

 78.5358, 0.3362,
0.3280

 94.5069, 0.3177,
0.3288

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.



30.1663, 0.4305, 0.2593



30.1663, 0.5119, 0.3251



30.1663, 0.5209, 0.3974

Triad

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



30.1663, 0.5119, 0.3251



30.1663, 0.2790, 0.5144



30.1663, 0.1614, 0.1764

Complementary

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



30.1663, 0.5119, 0.3251



80.8005, 0.2387, 0.3347

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.



30.1663, 0.1375, 0.2074



30.1663, 0.5119, 0.3251



30.1663, 0.1941, 0.4053

Square

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



30.1663, 0.5119, 0.3251



30.1663, 0.3782, 0.5300



30.1663, 0.1466, 0.2830



30.1663, 0.2201, 0.1782

Rectangle

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



30.1663, 0.5119, 0.3251



30.1663, 0.4901, 0.4480



30.1663, 0.1466, 0.2830



30.1663, 0.1498, 0.1826

Sweetspot

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



30.1649, 0.5119, 0.3251



70.2249, 0.3491, 0.3276



35.4802, 0.3145, 0.1819



14.2212, 0.3560, 0.3273



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.



30.1649, 0.5119, 0.3251



25.0270, 0.5719, 0.3258



50.4920, 0.4588, 0.4031



17.9962, 0.3290, 0.3283



11.1219, 0.6369, 0.3282



1.0860, 0.6295, 0.3241

Inverse Universe

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



30.1649, 0.5119, 0.3251



25.0270, 0.5719, 0.3258



42.1864, 0.2142, 0.2320



17.9962, 0.3290, 0.3283



11.1219, 0.6369, 0.3282



1.0860, 0.6295, 0.3241

Previews

White Background



This preview shows how the Yxy color 30.1663, 0.5119, 0.3251 looks on a white background.

Color Contrast Check

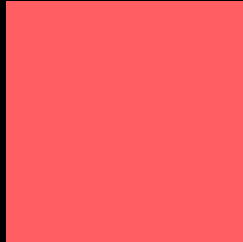
Large Text (above 18pt) WCAG AA × Fail

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 30.1663, 0.5119, 0.3251 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.1663, 0.5119, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 30.1663, 0.5119, 0.3251.



This preview shows how white text looks on a background with the Yxy color 30.1663, 0.5119, 0.3251.

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

30.1663, 0.5119, 0.3251

Protanopia

30.1691, 0.3490, 0.3712

Deuteranopia

30.2240, 0.4097, 0.4024



Tritanopia

30.1855, 0.5106, 0.3242

Trichromacy



Original Color

30.1663, 0.5119, 0.3251

Protanomaly

28.2529, 0.4071, 0.3498

Deuteranomaly

28.8853, 0.4502, 0.3677

Tritanomaly

30.1855, 0.5106, 0.3242

Monochromacy



Original Color

30.1663, 0.5119, 0.3251

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.3899, 0.3825, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1663, 0.5119, 0.3251 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, 94, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 99)  
}
```

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, 94, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 99) }
```

Border

The CSS property to change the border of an element to Yxy 30.1663, 0.5119, 0.3251 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, 94, 99) }
```

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

```
.border{ border-color:rgb(255, 94, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1663, 0.5119, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 99) }
```

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

```
.background{ background-color: rgb(255, 94,  
99) }
```

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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