

Converting Colors

Yxy(33.1083, 0.5057, 0.3430)

Have a look what the booklet for
Yxy(33.1083, 0.5057, 0.3430)
contains.

Yxy(33.0235, 0.5058, 0.3425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.0235, 0.5058, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	FF6D5F
RGB	255, 109, 95
RGB Percent	100%, 43%, 37%
CMY	0.0001, 0.5724, 0.6275
CMYK	0.00, 0.57, 0.63, 0.00
HSL	5°, 100%, 69%
HSV	5°, 63%, 100%
XYZ	48.7687, 33.0235, 14.6268
YIQ	151.0580, 91.5100, 26.5980

Conversions

Conversions Part 2

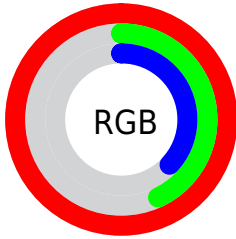
Format	Color
R _Y B	255, 110, 95
Decimal	16739679
CIE Lab	64.18, 54.68, 35.81
CIE LCh	64, 65.366, 33.220
Yxy	33.0235, 0.5058, 0.3425
Android (android.graphics.Color)	4294929759 (0xFFFF6D5F)
YUV	151.0580, -27.6366, 91.1571
Hunter-Lab	57.4661, 50.9188, 25.1353

Details

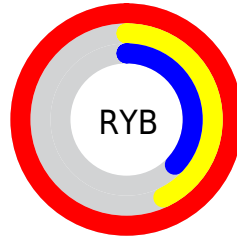
The Yxy color **33.0235, 0.5058, 0.3425** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **72.5268, 0.2332, 0.3120**, and the grayscale version is **31.0678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2456, 0.4162, 0.3493**, and **13.9661, 0.5638, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **28.3104, 0.5517, 0.3423**, and if you desaturate by 10%, it is **39.2048, 0.4610, 0.3414**.

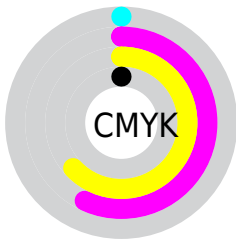
Distribution



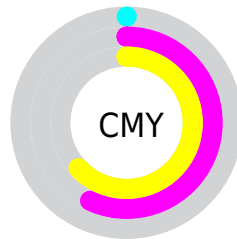
- Red (100%)
- Green (43%)
- Blue (37%)



- Red (100%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (57%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.0235, 0.5058, 0.3425 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 33.0235, 0.5058, 0.3425 by changing the saturation by 10% instead.


 33.0235, 0.5058,
0.3425

 33.0235, 0.5058,
0.3425


315.7556, 0.4044,
0.3429

 22.1444, 0.5314,
0.3396


 64.4122, 0.4685,
0.3446

 13.9631, 0.5637,
0.3341


 85.6907, 0.4545,
0.3448

 8.0950, 0.6052,
0.3238


 111.2044, 0.4428,
0.3448

 4.1558, 0.6633,
0.3064

 141.3377, 0.4328,
0.3445

 1.7611, 0.7314,
0.2686

176.4752, 0.4242,
0.3442

 0.4627, 0.8237,
0.1763

217.0010, 0.4167,


 0.0000, 1.0000,


0.3438


0.0000


263.2997, 0.4102,
0.3434


 0.0000, 0.0000,
0.0000


 33.0235, 0.5058,
0.3425


 33.0235, 0.5058,
0.3425


 28.3104, 0.5517,
0.3423

 39.2048, 0.4610,
0.3414

 24.9387, 0.5927,
0.3403

 46.9566, 0.4208,
0.3394

 22.7689, 0.6223,
0.3367

 56.3784, 0.3867,
0.3369

 21.8447, 0.6350,
0.3340

 67.5600, 0.3586,
0.3344

 80.5847, 0.3357,
0.3319

 95.5304, 0.3172,
0.3296

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



33.0235, 0.4434, 0.2777



33.0235, 0.5058, 0.3425



33.0235, 0.5010, 0.4124

Triad

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



33.0235, 0.5058, 0.3425



33.0235, 0.2628, 0.4816



33.0235, 0.1799, 0.1833

Complementary

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



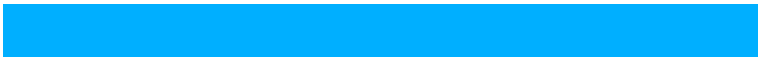
33.0235, 0.5058, 0.3425



72.5268, 0.2332, 0.3120

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.



33.0235, 0.1497, 0.2058



33.0235, 0.5058, 0.3425



33.0235, 0.1889, 0.3724

Square

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



33.0235, 0.5058, 0.3425



33.0235, 0.3556, 0.5195



33.0235, 0.1516, 0.2674



33.0235, 0.2440, 0.1909

Rectangle

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



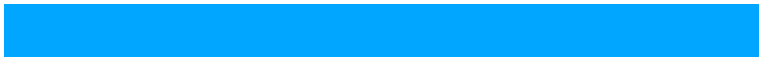
33.0235, 0.5058, 0.3425



33.0235, 0.4663, 0.4591



33.0235, 0.1516, 0.2674



33.0235, 0.1662, 0.1871

Sweetspot

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



33.0253, 0.5058, 0.3425



72.2330, 0.3494, 0.3335



35.8281, 0.3322, 0.1941



14.6942, 0.3563, 0.3342



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.



33.0253, 0.5058, 0.3425



27.4430, 0.5616, 0.3420



58.1843, 0.4434, 0.4205



18.2431, 0.3292, 0.3311



11.5030, 0.6336, 0.3351



1.2031, 0.6203, 0.3457

Inverse Universe

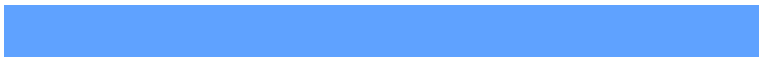
The Inverse Universe completely reimagines the original color for something new.



72.5268, 0.2332, 0.3120



69.5773, 0.2250, 0.3082



35.3688, 0.2089, 0.2074



20.1927, 0.2980, 0.3268



34.2256, 0.2170, 0.3012



3.4092, 0.2180, 0.3046

Previews

White Background



This preview shows how the Yxy color 33.0235, 0.5058, 0.3425 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 33.0235, 0.5058, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

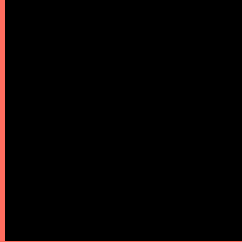
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0235, 0.5058, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 33.0235, 0.5058, 0.3425.



This preview shows how white text looks on a background with the Yxy color 33.0235, 0.5058, 0.3425.

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

33.0235, 0.5058, 0.3425

Protanopia

33.3167, 0.3651, 0.3915

Deuteranopia

33.1466, 0.4179, 0.4105



Tritanopia

32.9903, 0.4847, 0.3228

Trichromacy



Original Color

33.0235, 0.5058, 0.3425

Protanomaly

31.8061, 0.4167, 0.3712

Deuteranomaly

32.1017, 0.4523, 0.3807

Tritanomaly

33.0467, 0.4926, 0.3305

Monochromacy



Original Color

33.0235, 0.5058, 0.3425

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0658, 0.3789, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0235, 0.5058, 0.3425 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, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 95)  
}
```

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, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 95) }
```

Border

The CSS property to change the border of an element to Yxy 33.0235, 0.5058, 0.3425 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, 109, 95) }
```

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

```
.border{ border-color:rgb(255, 109, 95) }
```

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

Here you see how a box with a 4 pixel rgb(255, 109, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
95) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 33.0235, 0.5058, 0.3425$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 95) }
```

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

```
.background{ background-color: rgb(255,  
109, 95) }
```

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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