

Converting Colors

$Yxy(32.9661, 0.5053, 0.3416)$

Have a look what the booklet for
Yxy(32.9661, 0.5053, 0.3416)
contains.

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Color

Yxy(33.0418, 0.5047, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	FF6D60
RGB	255, 109, 96
RGB Percent	100%, 43%, 38%
CMY	0.0000, 0.5725, 0.6236
CMYK	0.00, 0.57, 0.62, 0.00
HSL	5°, 100%, 69%
HSV	5°, 62%, 100%
XYZ	48.8179, 33.0418, 14.8669
YIQ	151.1720, 91.1890, 26.9090

Conversions

Conversions Part 2

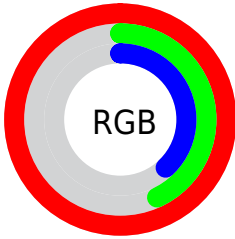
Format	Color
R _Y B	255, 110, 96
Decimal	16739680
CIE Lab	64.19, 54.75, 35.28
CIE LCh	64, 65.136, 32.795
Yxy	33.0418, 0.5047, 0.3416
Android (android.graphics.Color)	4294929760 (0xFFFF6D60)
YUV	151.1720, -27.1998, 91.0572
Hunter-Lab	57.4820, 51.0017, 24.9029

Details

The Yxy color **33.0418, 0.5047, 0.3416** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **73.1877, 0.2337, 0.3132**, and the grayscale version is **31.1161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2769, 0.4153, 0.3482**, and **13.9744, 0.5624, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **28.3000, 0.5508, 0.3414**, and if you desaturate by 10%, it is **39.2692, 0.4598, 0.3405**.

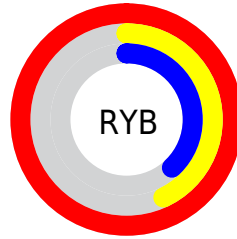
Distribution



Red (100%)

Green (43%)

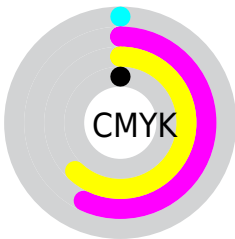
Blue (38%)



Red (100%)

Yellow (43%)

Blue (38%)

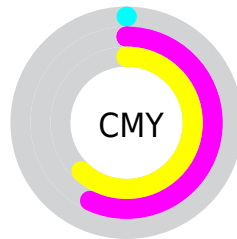


Cyan (0%)

Magenta (57%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0418, 0.5047, 0.3416 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 33.0418, 0.5047, 0.3416 by changing the saturation by 10% instead.


 33.0418, 0.5047,
0.3416


 33.0418, 0.5047,
0.3416


315.8380, 0.4038,
0.3423

 22.1585, 0.5302,
0.3387


 64.4408, 0.4675,
0.3438


 13.9734, 0.5625,
0.3332


 85.7252, 0.4537,
0.3441

 8.1022, 0.6040,
0.3230


 111.2455, 0.4420,
0.3440

 4.1604, 0.6616,
0.3054

 141.3860, 0.4321,
0.3438

 1.7637, 0.7316,
0.2684

176.5311, 0.4235,
0.3435

 0.4644, 0.8236,
0.1764

217.0652, 0.4161,

 0.0000, 1.0000,

0.3431

0.0000

263.3727, 0.4096,
0.3427

■ 0.0000, 0.0000,
0.0000

■ 33.0418, 0.5047,
0.3416

■ 33.0418, 0.5047,
0.3416

■ 28.3000, 0.5508,
0.3414

■ 39.2692, 0.4598,
0.3405

■ 24.9148, 0.5922,
0.3396

■ 47.0863, 0.4197,
0.3386


■ 22.7446, 0.6222,
0.3363

■ 56.5941, 0.3857,
0.3363

■ 21.7915, 0.6355,
0.3336

■ 67.8838, 0.3577,
0.3340

■ 81.0398, 0.3349,
0.3316

 96.1414, 0.3165,
0.3295

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



33.0418, 0.4417, 0.2770



33.0418, 0.5047, 0.3416



33.0418, 0.5009, 0.4113

Triad

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



33.0418, 0.5047, 0.3416



33.0418, 0.2643, 0.4821



33.0418, 0.1796, 0.1838

Complementary

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



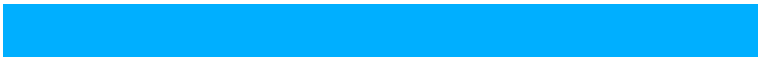
33.0418, 0.5047, 0.3416



73.1877, 0.2337, 0.3132

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.



33.0418, 0.1500, 0.2068



33.0418, 0.5047, 0.3416



33.0418, 0.1901, 0.3740

Square

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



33.0418, 0.5047, 0.3416



33.0418, 0.3569, 0.5187



33.0418, 0.1523, 0.2688



33.0418, 0.2430, 0.1910

Rectangle

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



33.0418, 0.5047, 0.3416



33.0418, 0.4668, 0.4579



33.0418, 0.1523, 0.2688



33.0418, 0.1661, 0.1878

Sweetspot

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



33.0436, 0.5047, 0.3416



72.0937, 0.3495, 0.3332



36.1773, 0.3294, 0.1928



14.6613, 0.3564, 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.



33.0436, 0.5047, 0.3416



27.2806, 0.5625, 0.3411



57.2587, 0.4444, 0.4177



18.2261, 0.3292, 0.3310



11.4698, 0.6341, 0.3347



1.1950, 0.6215, 0.3447

Inverse Universe

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



73.1877, 0.2337, 0.3132



70.2260, 0.2253, 0.3096



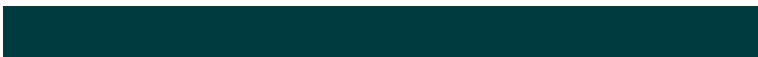
36.5755, 0.2103, 0.2119



20.2117, 0.2980, 0.3270



34.6575, 0.2175, 0.3031



3.4467, 0.2184, 0.3063

Previews

White Background



This preview shows how the Yxy color 33.0418, 0.5047, 0.3416 looks on a white background.

Color Contrast Check

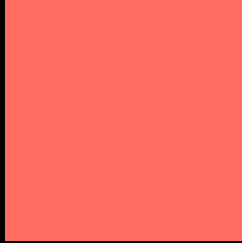
Large Text (above 18pt) WCAG AA × Fail

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 33.0418, 0.5047, 0.3416 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 33.0418, 0.5047, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 33.0418, 0.5047, 0.3416.



This preview shows how white text looks on a background with the Yxy color 33.0418, 0.5047, 0.3416.

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

33.0418, 0.5047, 0.3416

Protanopia

33.2302, 0.3631, 0.3902

Deuteranopia

33.1633, 0.4170, 0.4093



Tritanopia

32.9903, 0.4847, 0.3228

Trichromacy



Original Color

33.0418, 0.5047, 0.3416

Protanomaly

31.6901, 0.4146, 0.3701

Deuteranomaly

32.1190, 0.4513, 0.3796

Tritanomaly

33.0467, 0.4926, 0.3305

Monochromacy



Original Color

33.0418, 0.5047, 0.3416

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 33.0418, 0.5047, 0.3416 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 96) }
```

Border

The CSS property to change the border of an element to Yxy 33.0418, 0.5047, 0.3416 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, 96) }
```

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

```
.border{ border-color:rgb(255, 109, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0418, 0.5047, 0.3416 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, 96) }
```

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

```
.background{ background-color: rgb(255,  
109, 96) }
```

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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