

Converting Colors

$Y_{xy}(29.9039, 0.5189, 0.3451)$

Have a look what the booklet for
Yxy(29.9039, 0.5189, 0.3451)
contains.

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Color

Yxy(29.9039, 0.5189, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	F86554
RGB	248, 101, 84
RGB Percent	97%, 40%, 33%
CMY	0.0275, 0.6039, 0.6707
CMYK	0.00, 0.59, 0.66, 0.03
HSL	6°, 92%, 65%
HSV	6°, 66%, 97%
XYZ	44.9642, 29.9039, 11.7848
YIQ	143.0150, 93.0690, 25.8770

Conversions

Conversions Part 2

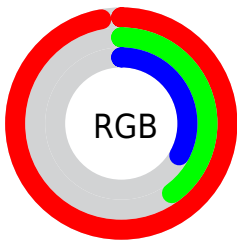
Format	Color
R_{YB}	248, 103, 84
Decimal	16278868
CIE Lab	61.57, 55.24, 38.43
CIE LCh	62, 67.290, 34.829
Yxy	29.9039, 0.5189, 0.3451
Android (android.graphics.Color)	4294468948 (0xFFFF86554)
YUV	143.0150, -29.0944, 92.0718
Hunter-Lab	54.6845, 51.0734, 25.5018

Details

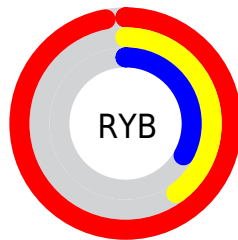
The Yxy color **29.9039, 0.5189, 0.3451** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **65.7919, 0.2299, 0.3076**, and the grayscale version is **27.5662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0952, 0.4321, 0.3533**, and **12.2556, 0.5809, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **25.8352, 0.5635, 0.3443**, and if you desaturate by 10%, it is **35.2801, 0.4738, 0.3442**.

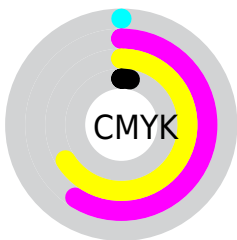
Distribution



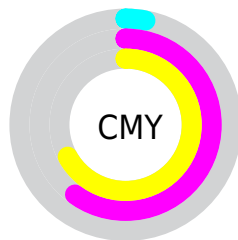
- Red (97%)
- Green (40%)
- Blue (33%)



- Red (97%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (59%)
- Yellow (66%)
- Black (3%)





- Cyan (3%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9039, 0.5189, 0.3451 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 29.9039, 0.5189, 0.3451 by changing the saturation by 10% instead.


 29.9039, 0.5189,
0.3451

 29.9039, 0.5189,
0.3451


301.4563, 0.4095,
0.3454


 19.7657, 0.5466,
0.3415


 59.5102, 0.4785,
0.3477


 12.2248, 0.5814,
0.3347


 79.7470, 0.4634,
0.3479

 6.8970, 0.6256,
0.3218


 104.1188, 0.4508,
0.3477

 3.3978, 0.6963,
0.3037

 133.0099, 0.4400,
0.3474

 1.3427, 0.7492,
0.2508

 166.8049, 0.4308,
0.3469

 0.1739, 0.9076,
0.0924

205.8880, 0.4227,


 0.0000, 1.0000,


0.3465


0.0000


250.6436, 0.4157,
0.3459


 0.0000, 0.0000,
0.0000

 29.9039, 0.5189,
0.3451

 29.9039, 0.5189,
0.3451

 25.8352, 0.5635,
0.3443

 35.2801, 0.4738,
0.3442


 22.9571, 0.6015,
0.3414


 42.0574, 0.4325,
0.3421


 21.1407, 0.6268,
0.3368


 50.3266, 0.3969,
0.3393

 20.6841, 0.6334,
0.3353

 60.1697, 0.3671,
0.3364

 71.6624, 0.3427,
0.3334

 84.8755, 0.3230,
0.3306

 98.6961, 0.3084,
0.3290

Harmonies

Analogous

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



29.9039, 0.4567, 0.2777



29.9039, 0.5189, 0.3451



29.9039, 0.5084, 0.4181

Triad

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



29.9039, 0.5189, 0.3451



29.9039, 0.2538, 0.4881



29.9039, 0.1759, 0.1759

Complementary

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



29.9039, 0.5189, 0.3451



65.7919, 0.2299, 0.3076

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.



29.9039, 0.1430, 0.1967



29.9039, 0.5189, 0.3451



29.9039, 0.1786, 0.3678

Square

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



29.9039, 0.5189, 0.3451



29.9039, 0.3507, 0.5321



29.9039, 0.1427, 0.2580



29.9039, 0.2444, 0.1856

Rectangle

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



29.9039, 0.5189, 0.3451



29.9039, 0.4691, 0.4676



29.9039, 0.1427, 0.2580



29.9039, 0.1612, 0.1791

Sweetspot

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



29.9056, 0.5189, 0.3451



71.3664, 0.3516, 0.3345



32.0964, 0.3361, 0.1913



14.5411, 0.3585, 0.3354



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.



29.9056, 0.5189, 0.3451



26.4830, 0.5758, 0.3436



54.2115, 0.4492, 0.4263



17.5151, 0.3292, 0.3315



11.2667, 0.6318, 0.3365



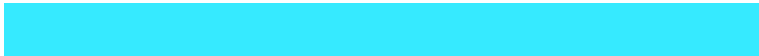
1.1364, 0.6161, 0.3490

Inverse Universe

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



65.7919, 0.2299, 0.3076



66.8816, 0.2219, 0.3029



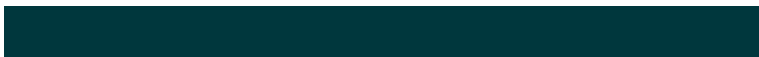
30.3416, 0.2031, 0.1960



19.2824, 0.2980, 0.3265



32.0749, 0.2156, 0.2960



3.0566, 0.2167, 0.3003

Previews

White Background



This preview shows how the Yxy color 29.9039, 0.5189, 0.3451 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 29.9039, 0.5189, 0.3451 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 29.9039, 0.5189, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 29.9039, 0.5189, 0.3451.



This preview shows how white text looks on a background with the Yxy color 29.9039, 0.5189, 0.3451.

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

29.9039, 0.5189, 0.3451

Protanopia

30.0313, 0.3724, 0.4016

Deuteranopia

29.9351, 0.4270, 0.4190



Tritanopia

29.8746, 0.4979, 0.3238

Trichromacy



Original Color

29.9039, 0.5189, 0.3451

Protanomaly

28.6662, 0.4272, 0.3790

Deuteranomaly

29.0087, 0.4637, 0.3873

Tritanomaly

29.9265, 0.5060, 0.3314

Monochromacy



Original Color

29.9039, 0.5189, 0.3451

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6672, 0.3838, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9039, 0.5189, 0.3451 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(248, 101, 84)` looks like.

```
.text, #text, p{  
    color:rgb(248, 101, 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(248, 101, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 101, 84) }
```

Border

The CSS property to change the border of an element to Yxy 29.9039, 0.5189, 0.3451 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(248, 101, 84) }
```

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

```
.border{ border-color:rgb(248, 101, 84) }
```

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

Here you see how a box with a 4 pixel rgb(248, 101, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 101, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 101, 84);  
box-shadow:4px 4px 4px 4px rgb(248, 101,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9039, 0.5189, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 101, 84) }
```

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

```
.background{ background-color: rgb(248,  
101, 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](#).

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