

Converting Colors

Yxy(59.7286, 0.4657, 0.3799)

Have a look what the booklet for
Yxy(59.7286, 0.4657, 0.3799)
contains.

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Color

Yxy(52.7931, 0.4380, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE74
RGB	255, 174, 116
RGB Percent	100%, 68%, 45%
CMY	0.0001, 0.3176, 0.5451
CMYK	0.00, 0.32, 0.55, 0.00
HSL	25°, 100%, 73%
HSV	25°, 55%, 100%
XYZ	59.5196, 52.7931, 23.5768
YIQ	191.6070, 66.8940, -0.8660

Conversions

Conversions Part 2

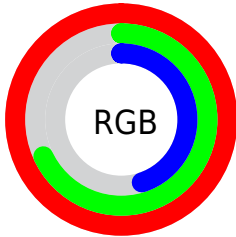
Format	Color
R _Y B	255, 216, 116
Decimal	16756340
CIE Lab	77.75, 23.66, 41.54
CIE LCh	78, 47.811, 60.334
Yxy	52.7931, 0.4380, 0.3885
Android (android.graphics.Color)	4294946420 (0xFFFFAE74)
YUV	191.6070, -37.2743, 55.5957
Hunter-Lab	72.6589, 19.0680, 31.6224

Details

The Yxy color **52.7931, 0.4380, 0.3885** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.8402, 0.2282, 0.2567**, and the grayscale version is **52.6649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7182, 0.3714, 0.3909**, and **25.6702, 0.4701, 0.3979** is the 20% darker color. If you saturate the color by 10%, you get **46.8558, 0.4694, 0.3961**, and if you desaturate by 10%, it is **59.5329, 0.4085, 0.3785**.

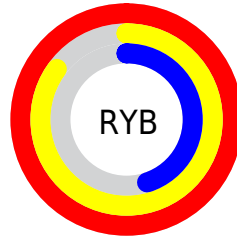
Distribution



Red (100%)

Green (68%)

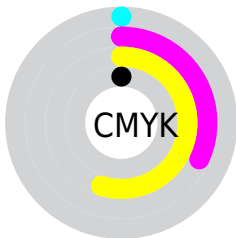
Blue (45%)



Red (100%)

Yellow (85%)

Blue (45%)

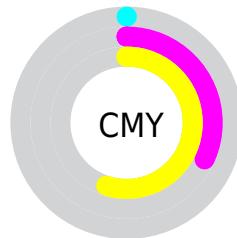


Cyan (0%)

Magenta (32%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7931, 0.4380, 0.3885 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 52.7931, 0.4380, 0.3885 by changing the saturation by 10% instead.


 52.7931, 0.4380,
0.3885

 52.7931, 0.4380,
0.3885


397.4908, 0.3772,
0.3633

 37.6376, 0.4521,
0.3932


 94.2998, 0.4166,
0.3805

 25.7016, 0.4695,
0.3982


 121.4199, 0.4084,
0.3772

 16.6005, 0.4911,
0.4033


 153.2970, 0.4013,
0.3742

 9.9501, 0.5182,
0.4073

190.3154, 0.3952,
0.3715

 5.3659, 0.5560,
0.4103

232.8596, 0.3898,
0.3692

 2.4635, 0.5990,
0.4010

281.3140, 0.3851,

 0.8583, 0.6395,

0.3670

336.0629, 0.3809,
0.3651

0.3605

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7931, 0.4380,
0.3885

52.7931, 0.4380,
0.3885

46.8558, 0.4694,
0.3961

59.5329, 0.4085,
0.3785

41.6791, 0.5011,
0.4001

67.0992, 0.3817,
0.3673

37.2278, 0.5308,
0.3991

75.5243, 0.3581,
0.3558

33.4597, 0.5561,
0.3926

84.8362, 0.3376,
0.3444

31.6551, 0.5680,
0.3872

95.0617, 0.3199,
0.3336

99.9937, 0.3127,
0.3290

Harmonies

Analogous

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



52.7931, 0.4324, 0.3398



52.7931, 0.4380, 0.3885



52.7931, 0.4073, 0.4294

Triad

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



52.7931, 0.4380, 0.3885



52.7931, 0.2372, 0.3642



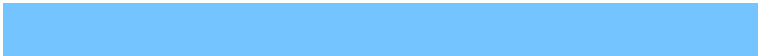
52.7931, 0.2640, 0.2334

Complementary

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



52.7931, 0.4380, 0.3885



50.8402, 0.2282, 0.2567

Split Complementary

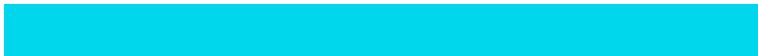
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.7931, 0.2204, 0.2314



52.7931, 0.4380, 0.3885



52.7931, 0.2059, 0.2993

Square

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



52.7931, 0.4380, 0.3885



52.7931, 0.2904, 0.4231



52.7931, 0.2005, 0.2528



52.7931, 0.3256, 0.2554

Rectangle

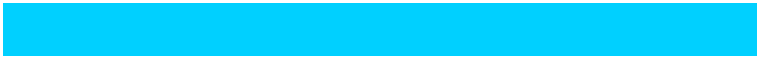
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.7931, 0.4380, 0.3885



52.7931, 0.3726, 0.4447



52.7931, 0.2005, 0.2528



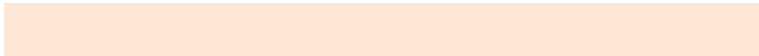
52.7931, 0.2470, 0.2303

Sweetspot

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



52.7957, 0.4380, 0.3885



83.4085, 0.3405, 0.3461



37.7797, 0.3775, 0.2478



17.4326, 0.3445, 0.3484



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.



52.7957, 0.4380, 0.3885



46.5939, 0.4710, 0.3964



86.8476, 0.3973, 0.4508



19.2331, 0.3284, 0.3390



16.8241, 0.5651, 0.3895



1.8480, 0.5447, 0.4057

Inverse Universe

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



50.8402, 0.2282, 0.2567



44.3887, 0.2144, 0.2397



26.2614, 0.2095, 0.1672



19.1358, 0.2979, 0.3188



15.2291, 0.1850, 0.1858



1.6988, 0.1899, 0.2037

Previews

White Background



This preview shows how the Yxy color 52.7931, 0.4380, 0.3885 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 52.7931, 0.4380, 0.3885 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 52.7931, 0.4380, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 52.7931, 0.4380, 0.3885.



This preview shows how white text looks on a background with the Yxy color 52.7931, 0.4380, 0.3885.

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

52.7931, 0.4380, 0.3885

Protanopia

53.2716, 0.3818, 0.4132

Deuteranopia

52.9883, 0.4150, 0.4064



Tritanopia

52.9312, 0.3821, 0.3176

Trichromacy



Original Color

52.7931, 0.4380, 0.3885

Protanomaly

52.6426, 0.4020, 0.4045

Deuteranomaly

52.7576, 0.4237, 0.3990

Tritanomaly

52.8201, 0.4031, 0.3440

Monochromacy



Original Color

52.7931, 0.4380, 0.3885

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.8253, 0.3560, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7931, 0.4380, 0.3885 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, 174, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 116)  
}
```

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, 174, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 116) }
```

Border

The CSS property to change the border of an element to Yxy 52.7931, 0.4380, 0.3885 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, 174, 116) }
```

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

```
.border{ border-color:rgb(255, 174, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7931, 0.4380, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 116) }
```

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

```
.background{ background-color: rgb(255,  
174, 116) }
```

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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