

Converting Colors

Yxy(61.8610, 0.4108, 0.3962)

Have a look what the booklet for
Yxy(61.8610, 0.4108, 0.3962)
contains.

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Color

Yxy(61.8140, 0.4106, 0.3967)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FCC483 |
| RGB | 252, 196, 131 |
| RGB Percent | 99%, 77%, 51% |
| CMY | 0.0118, 0.2313, 0.4863 |
| CMYK | 0.00, 0.22, 0.48, 0.01 |
| HSL | 32°, 95%, 75% |
| HSV | 32°, 48%, 99% |
| XYZ | 63.9799, 61.8140, 30.0266 |
| YIQ | 205.3340, 54.2410, -8.3430 |

Conversions

Conversions Part 2

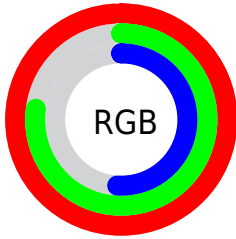
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 252, 131 |
| Decimal | 16565379 |
| CIE Lab | 82.81, 12.28, 40.19 |
| CIE LCh | 83, 42.022, 73.016 |
| Yxy | 61.8140, 0.4106, 0.3967 |
| Android (android.graphics.Color) | 4294755459 (0xFFFC483) |
| YUV | 205.3340, -36.6467, 40.9261 |
| Hunter-Lab | 78.6219, 7.6692, 32.3918 |

Details

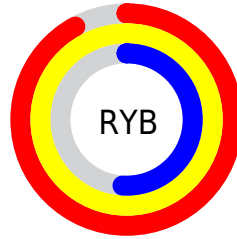
The Yxy color **61.8140, 0.4106, 0.3967** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3823, 0.2340, 0.2481**, and the grayscale version is **61.4871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0133, 0.3548, 0.3961**, and **31.2626, 0.4342, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **56.1574, 0.4364, 0.4088**, and if you desaturate by 10%, it is **68.0515, 0.3862, 0.3829**.

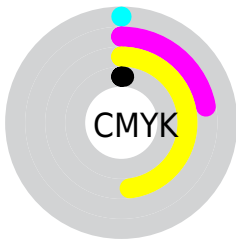
Distribution



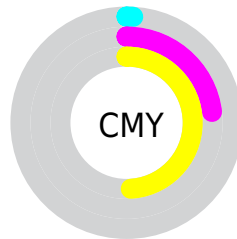
- Red (99%)
- Green (77%)
- Blue (51%)



- Red (92%)
- Yellow (99%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8140, 0.4106, 0.3967 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 61.8140, 0.4106, 0.3967 by changing the saturation by 10% instead.


 61.8140, 0.4106,
0.3967

 61.8140, 0.4106,
0.3967


431.2523, 0.3645,
0.3666


 44.8824, 0.4210,
0.4029


 107.4567, 0.3946,
0.3867

 31.3648, 0.4337,
0.4102


 136.9365, 0.3884,
0.3827

 20.8768, 0.4495,
0.4187


 171.3680, 0.3830,
0.3792

 13.0340, 0.4691,
0.4283

211.1354, 0.3783,
0.3760

 7.4520, 0.4937,
0.4382

256.6231, 0.3742,
0.3733

 3.7463, 0.5403,
0.4597

308.2156, 0.3706,

 1.5327, 0.5577,

0.3708

0.4423

366.2972, 0.3674,
0.3686

0.3116, 0.6566,
0.3434

0.0000, 0.0000,
0.0000

61.8140, 0.4106,
0.3967

61.8140, 0.4106,
0.3967

56.1574, 0.4364,
0.4088

68.0515, 0.3862,
0.3829

51.0513, 0.4626,
0.4180

74.8808, 0.3637,
0.3683

46.4750, 0.4878,
0.4230

82.3238, 0.3435,
0.3538

42.4023, 0.5103,
0.4227

90.3981, 0.3255,
0.3397

■ 38.8004, 0.5289,
0.4170

■ 98.9920, 0.3109,
0.3283

■ 38.1359, 0.5324,
0.4155

■ 99.4348, 0.3109,
0.3290

Harmonies

Analogous

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



61.8140, 0.4187, 0.3574



61.8140, 0.4106, 0.3967



61.8140, 0.3756, 0.4227

Triad

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



61.8140, 0.4106, 0.3967



61.8140, 0.2353, 0.3353



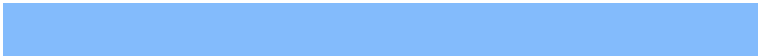
61.8140, 0.2928, 0.2534

Complementary

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



61.8140, 0.4106, 0.3967



47.3823, 0.2340, 0.2481

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.



61.8140, 0.2481, 0.2443



61.8140, 0.4106, 0.3967



61.8140, 0.2172, 0.2861

Square

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



61.8140, 0.4106, 0.3967



61.8140, 0.2741, 0.3882



61.8140, 0.2218, 0.2547



61.8140, 0.3473, 0.2788

Rectangle

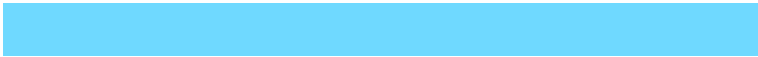
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8140, 0.4106, 0.3967



61.8140, 0.3429, 0.4258



61.8140, 0.2218, 0.2547



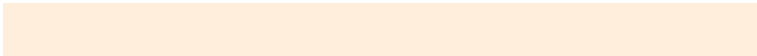
61.8140, 0.2762, 0.2484

Sweetspot

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



61.8170, 0.4106, 0.3967



87.8207, 0.3360, 0.3481



40.5315, 0.3821, 0.2704



18.4202, 0.3400, 0.3511



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.



61.8170, 0.4106, 0.3967



57.6824, 0.4365, 0.4088



91.2067, 0.3808, 0.4475



18.7701, 0.3280, 0.3418



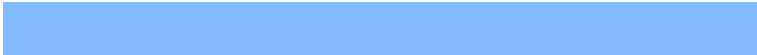
20.1645, 0.5300, 0.4174



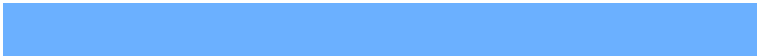
2.0798, 0.5131, 0.4308

Inverse Universe

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



47.3823, 0.2340, 0.2481



41.2184, 0.2182, 0.2274



28.4098, 0.2233, 0.1778



17.9666, 0.2979, 0.3159



10.5272, 0.1737, 0.1453



1.1846, 0.1800, 0.1678

Previews

White Background



This preview shows how the Yxy color 61.8140, 0.4106, 0.3967 looks on a white background.

Color Contrast Check

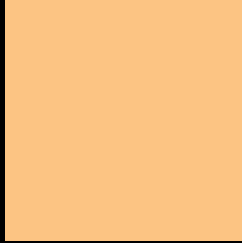
Large Text (above 18pt) WCAG AA × Fail

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 61.8140, 0.4106, 0.3967 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 61.8140, 0.4106, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 61.8140, 0.4106, 0.3967.



This preview shows how white text looks on a background with the Yxy color 61.8140, 0.4106, 0.3967.

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

61.8140, 0.4106, 0.3967

Protanopia

61.7392, 0.3793, 0.4096

Deuteranopia

61.7109, 0.4076, 0.3984



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

61.8140, 0.4106, 0.3967

Protanomaly

61.4547, 0.3902, 0.4040

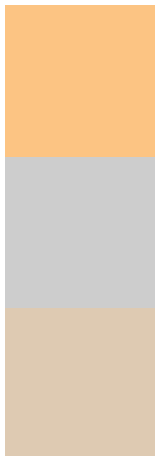
Deuteranomaly

61.8952, 0.4084, 0.3982

Tritanomaly

61.9047, 0.3776, 0.3460

Monochromacy



Original Color

61.8140, 0.4106, 0.3967

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9850, 0.3466, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8140, 0.4106, 0.3967 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(252, 196, 131)` looks like.

```
.text, #text, p{  
    color:rgb(252, 196, 131)  
}
```

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(252, 196, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 196, 131) }
```

Border

The CSS property to change the border of an element to Yxy 61.8140, 0.4106, 0.3967 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(252, 196, 131) }
```

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

```
.border{ border-color:rgb(252, 196, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 196, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 196, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 196, 131);  
box-shadow:4px 4px 4px 4px rgb(252, 196,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8140, 0.4106, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 196, 131) }
```

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

```
.background{ background-color: rgb(252,  
196, 131) }
```

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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