

Converting Colors

$Y_{xy}(61.7760, 0.4163, 0.3982)$

Have a look what the booklet for
Yxy(61.7760, 0.4163, 0.3982)
contains.

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Color

Yxy(61.8487, 0.4159, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	FFC380
RGB	255, 195, 128
RGB Percent	100%, 76%, 50%
CMY	0.0000, 0.2352, 0.4981
CMYK	0.00, 0.24, 0.50, 0.00
HSL	32°, 100%, 75%
HSV	32°, 50%, 100%
XYZ	64.6466, 61.8487, 28.9425
YIQ	205.3020, 57.2670, -8.1170

Conversions

Conversions Part 2

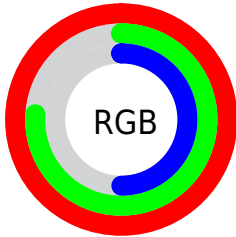
Format	Color
R_{YB}	242, 255, 128
Decimal	16761728
CIE _{Lab}	82.83, 13.71, 41.81
CIE _{LCh}	83, 43.998, 71.841
Yxy	61.8487, 0.4159, 0.3979
Android (android.graphics.Color)	4294951808 (0xFFFFC380)
YUV	205.3020, -38.1099, 43.5851
Hunter-Lab	78.6439, 9.1030, 33.2309

Details

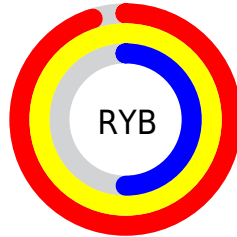
The Yxy color **61.8487, 0.4159, 0.3979** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7499, 0.2314, 0.2460**, and the grayscale version is **61.4727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2582, 0.3569, 0.3981**, and **31.3213, 0.4411, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **56.0824, 0.4423, 0.4094**, and if you desaturate by 10%, it is **68.2247, 0.3909, 0.3845**.

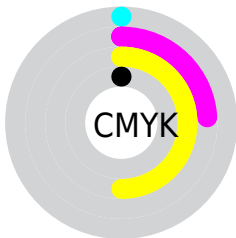
Distribution



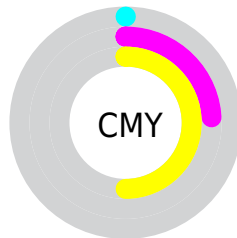
- Red (100%)
- Green (76%)
- Blue (50%)



- Red (95%)
- Yellow (100%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8487, 0.4159, 0.3979 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 61.8487, 0.4159, 0.3979 by changing the saturation by 10% instead.


 61.8487, 0.4159,
0.3979


 61.8487, 0.4159,
0.3979


431.3790, 0.3674,
0.3676

 44.9105, 0.4268,
0.4041


 107.5068, 0.3991,
0.3879

 31.3869, 0.4401,
0.4112


 136.9955, 0.3925,
0.3839

 20.8936, 0.4565,
0.4194


 171.4365, 0.3869,
0.3803

 13.0463, 0.4769,
0.4284

211.2141, 0.3820,
0.3772

 7.4604, 0.5021,
0.4372

256.7127, 0.3776,
0.3744

 3.7517, 0.5462,
0.4538

308.3168, 0.3738,

 1.5356, 0.5654,

0.3719

0.4346

366.4108, 0.3704,
0.3696

0.3136, 0.6686,
0.3314

0.0000, 0.0000,
0.0000

61.8487, 0.4159,
0.3979

61.8487, 0.4159,
0.3979

56.0824, 0.4423,
0.4094

68.2247, 0.3909,
0.3845

50.8938, 0.4688,
0.4177

75.2230, 0.3678,
0.3703

46.2605, 0.4941,
0.4215

82.8665, 0.3471,
0.3559

42.1540, 0.5164,
0.4200

91.1742, 0.3286,
0.3420

■ 38.5346, 0.5350,
0.4133

99.9977, 0.3127,
0.3290

■ 38.4707, 0.5353,
0.4132

Harmonies

Analogous

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



61.8487, 0.4233, 0.3565



61.8487, 0.4159, 0.3979



61.8487, 0.3800, 0.4263

Triad

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



61.8487, 0.4159, 0.3979



61.8487, 0.2331, 0.3377



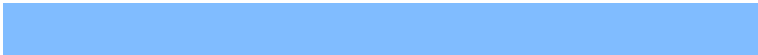
61.8487, 0.2897, 0.2496

Complementary

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



61.8487, 0.4159, 0.3979



47.7499, 0.2314, 0.2460

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.



61.8487, 0.2437, 0.2408



61.8487, 0.4159, 0.3979



61.8487, 0.2135, 0.2856

Square

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



61.8487, 0.4159, 0.3979



61.8487, 0.2741, 0.3931



61.8487, 0.2173, 0.2522



61.8487, 0.3465, 0.2753

Rectangle

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



61.8487, 0.4159, 0.3979



61.8487, 0.3461, 0.4308



61.8487, 0.2173, 0.2522



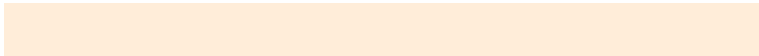
61.8487, 0.2726, 0.2446

Sweetspot

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



61.8517, 0.4159, 0.3979



86.7898, 0.3379, 0.3491



40.3787, 0.3837, 0.2663



18.2055, 0.3418, 0.3521



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.



61.8517, 0.4159, 0.3979



55.9858, 0.4428, 0.4096



93.9284, 0.3845, 0.4508



19.5742, 0.3281, 0.3416



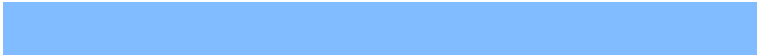
20.4055, 0.5329, 0.4151



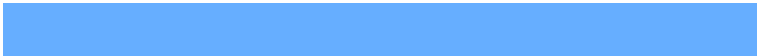
2.2057, 0.5164, 0.4282

Inverse Universe

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



47.7499, 0.2314, 0.2460



40.4112, 0.2157, 0.2251



27.4032, 0.2181, 0.1708



18.7923, 0.2979, 0.3161



11.1365, 0.1745, 0.1482



1.3010, 0.1804, 0.1695

Previews

White Background



This preview shows how the Yxy color 61.8487, 0.4159, 0.3979 looks on a white background.

Color Contrast Check

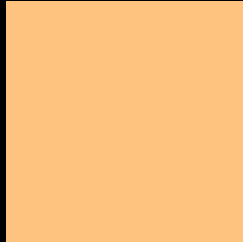
Large Text (above 18pt) WCAG AA × Fail

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 61.8487, 0.4159, 0.3979 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 61.8487, 0.4159, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 61.8487, 0.4159, 0.3979.



This preview shows how white text looks on a background with the Yxy color 61.8487, 0.4159, 0.3979.

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

61.8487, 0.4159, 0.3979

Protanopia

62.2991, 0.3819, 0.4135

Deuteranopia

61.7888, 0.4114, 0.4021



Tritanopia

61.8722, 0.3582, 0.3167

Trichromacy



Original Color

61.8487, 0.4159, 0.3979

Protanomaly

62.1834, 0.3936, 0.4077

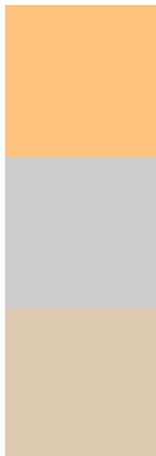
Deuteranomaly

61.7076, 0.4136, 0.4006

Tritanomaly

61.5776, 0.3804, 0.3470

Monochromacy



Original Color

61.8487, 0.4159, 0.3979

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6356, 0.3484, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8487, 0.4159, 0.3979 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, 195, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 128)  
}
```

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, 195, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 128) }
```

Border

The CSS property to change the border of an element to Yxy 61.8487, 0.4159, 0.3979 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, 195, 128) }
```

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

```
.border{ border-color:rgb(255, 195, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 128); box-shadow:4px 4px 4px 4px rgb(255, 195, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8487, 0.4159, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 128) }
```

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

```
.background{ background-color: rgb(255,  
195, 128) }
```

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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