

Converting Colors

$Yxy(61.2906, 0.4061, 0.3820)$

Have a look what the booklet for
Yxy(61.2906, 0.4061, 0.3820)
contains.

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Color

Yxy(61.3529, 0.4061, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	FFC18E
RGB	255, 193, 142
RGB Percent	100%, 76%, 56%
CMY	0.0000, 0.2431, 0.4433
CMYK	0.00, 0.24, 0.44, 0.00
HSL	27°, 100%, 78%
HSV	27°, 44%, 100%
XYZ	65.1895, 61.3529, 33.9833
YIQ	205.7240, 53.3230, -2.7170

Conversions

Conversions Part 2

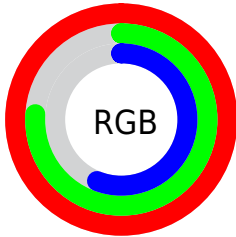
Format	Color
R _{YB}	255, 235, 142
Decimal	16761230
CIE Lab	82.57, 16.08, 34.28
CIE LCh	83, 37.865, 64.869
Yxy	61.3529, 0.4061, 0.3822
Android (android.graphics.Color)	4294951310 (0xFFFFC18E)
YUV	205.7240, -31.4159, 43.2151
Hunter-Lab	78.3281, 11.4845, 29.1062

Details

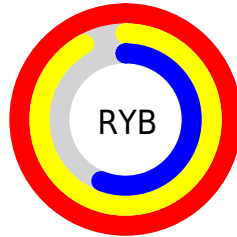
The Yxy color **61.3529, 0.4061, 0.3822** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1304, 0.2422, 0.2677**, and the grayscale version is **61.7148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6167, 0.3488, 0.3824**, and **30.9563, 0.4293, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **54.7819, 0.4344, 0.3931**, and if you desaturate by 10%, it is **68.6896, 0.3803, 0.3701**.

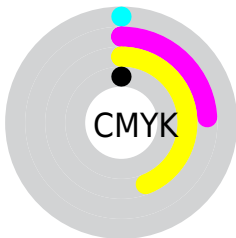
Distribution



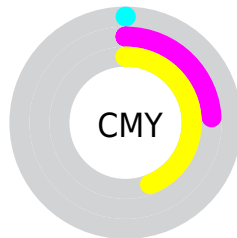
- Red (100%)
- Green (76%)
- Blue (56%)



- Red (100%)
- Yellow (92%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3529, 0.4061, 0.3822 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 61.3529, 0.4061, 0.3822 by changing the saturation by 10% instead.


 61.3529, 0.4061,
0.3822


 61.3529, 0.4061,
0.3822


429.5668, 0.3616,
0.3588

 44.5100, 0.4164,
0.3871


 106.7897, 0.3905,
0.3744

 31.0717, 0.4290,
0.3928


 136.1525, 0.3845,
0.3713

 20.6534, 0.4450,
0.3994


170.4574, 0.3793,
0.3685

 12.8709, 0.4654,
0.4069

210.0887, 0.3749,
0.3661

 7.3397, 0.4922,
0.4148

255.4309, 0.3709,
0.3640

 3.6755, 0.5354,
0.4270

306.8684, 0.3675,

 1.4937, 0.5787,

0.3620

0.4213

364.7855, 0.3644,
0.3603

0.2843, 0.6998,
0.3002

0.0000, 0.0000,
0.0000

61.3529, 0.4061,
0.3822

61.3529, 0.4061,
0.3822

54.7819, 0.4344,
0.3931

68.6896, 0.3803,
0.3701

48.9396, 0.4643,
0.4015

76.8096, 0.3572,
0.3577

43.7984, 0.4943,
0.4063

85.7409, 0.3371,
0.3455

39.3248, 0.5223,
0.4061

95.5072, 0.3195,
0.3338

■ 35.4807, 0.5463, 99.9994, 0.3127,
0.4003 0.3290

■ 33.5566, 0.5580,
0.3951

Harmonies

Analogous

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



61.3529, 0.4053, 0.3451



61.3529, 0.4061, 0.3822



61.3529, 0.3805, 0.4095

Triad

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



61.3529, 0.4061, 0.3822



61.3529, 0.2505, 0.3483



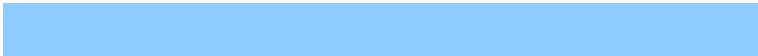
61.3529, 0.2825, 0.2561

Complementary

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



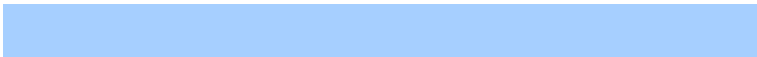
61.3529, 0.4061, 0.3822



56.1304, 0.2422, 0.2677

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.



61.3529, 0.2456, 0.2526



61.3529, 0.4061, 0.3822



61.3529, 0.2282, 0.3015

Square

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



61.3529, 0.4061, 0.3822



61.3529, 0.2900, 0.3927



61.3529, 0.2266, 0.2677



61.3529, 0.3307, 0.2757

Rectangle

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



61.3529, 0.4061, 0.3822



61.3529, 0.3531, 0.4166



61.3529, 0.2266, 0.2677



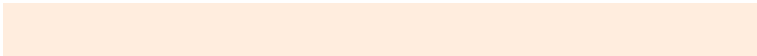
61.3529, 0.2685, 0.2530

Sweetspot

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



61.3558, 0.4061, 0.3822



86.9904, 0.3346, 0.3439



44.9611, 0.3649, 0.2654



18.1771, 0.3387, 0.3465



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.



61.3558, 0.4061, 0.3822



55.6128, 0.4305, 0.3917



91.1764, 0.3810, 0.4337



19.3380, 0.3283, 0.3398



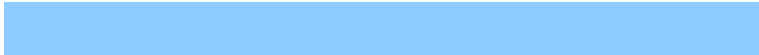
17.8233, 0.5552, 0.3973



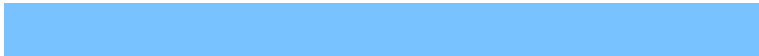
1.9501, 0.5359, 0.4127

Inverse Universe

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



56.1304, 0.2422, 0.2677



49.7710, 0.2291, 0.2531



34.0274, 0.2299, 0.1969



19.0291, 0.2979, 0.3180



13.8517, 0.1816, 0.1739



1.5671, 0.1869, 0.1930

Previews

White Background



This preview shows how the Yxy color 61.3529, 0.4061, 0.3822 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 61.3529, 0.4061, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

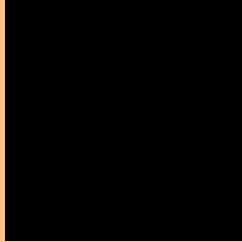
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3529, 0.4061, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 61.3529, 0.4061, 0.3822.



This preview shows how white text looks on a background with the Yxy color 61.3529, 0.4061, 0.3822.

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

61.3529, 0.4061, 0.3822

Protanopia

61.7788, 0.3690, 0.3967

Deuteranopia

61.4484, 0.3974, 0.3890



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.3529, 0.4061, 0.3822

Protanomaly

61.3100, 0.3824, 0.3913

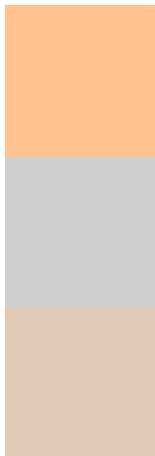
Deuteranomaly

61.5427, 0.4004, 0.3873

Tritanomaly

61.3416, 0.3765, 0.3407

Monochromacy



Original Color

61.3529, 0.4061, 0.3822

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0395, 0.3446, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3529, 0.4061, 0.3822 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, 193, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 142)  
}
```

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, 193, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 142) }
```

Border

The CSS property to change the border of an element to Yxy 61.3529, 0.4061, 0.3822 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, 193, 142) }
```

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

```
.border{ border-color:rgb(255, 193, 142) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3529, 0.4061, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 142) }
```

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

```
.background{ background-color: rgb(255,  
193, 142) }
```

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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