

Converting Colors

Yxy(61.4370, 0.4130, 0.3923)

Have a look what the booklet for
Yxy(61.4370, 0.4130, 0.3923)
contains.

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Color

Yxy(61.5370, 0.4126, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	FFC285
RGB	255, 194, 133
RGB Percent	100%, 76%, 52%
CMY	0.0002, 0.2391, 0.4785
CMYK	0.00, 0.24, 0.48, 0.00
HSL	30°, 100%, 76%
HSV	30°, 48%, 100%
XYZ	64.7543, 61.5370, 30.6508
YIQ	205.2850, 55.9370, -6.0390

Conversions

Conversions Part 2

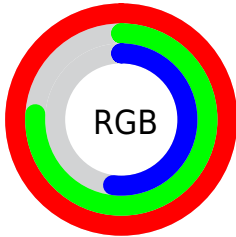
Format	Color
R_{YB}	255, 255, 133
Decimal	16761477
CIE _{Lab}	82.67, 14.67, 39.04
CIE _{LCh}	83, 41.705, 69.401
Yxy	61.5370, 0.4126, 0.3921
Android (android.graphics.Color)	4294951557 (0xFFFFC285)
YUV	205.2850, -35.6365, 43.6001
Hunter-Lab	78.4455, 10.0665, 31.7457

Details

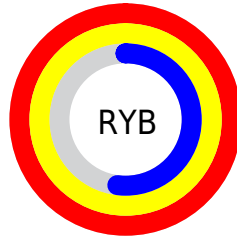
The Yxy color **61.5370, 0.4126, 0.3921** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.7546, 0.2354, 0.2542**, and the grayscale version is **61.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8422, 0.3541, 0.3923**, and **31.1011, 0.4373, 0.4040** is the 20% darker color. If you saturate the color by 10%, you get **55.4887, 0.4398, 0.4034**, and if you desaturate by 10%, it is **68.2483, 0.3872, 0.3791**.

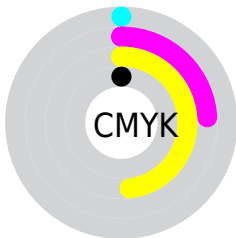
Distribution



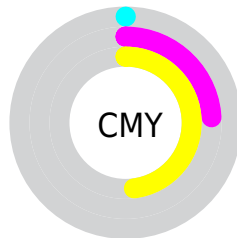
- Red (100%)
- Green (76%)
- Blue (52%)



- Red (100%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (24%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5370, 0.4126, 0.3921 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 61.5370, 0.4126, 0.3921 by changing the saturation by 10% instead.


 61.5370, 0.4126,
0.3921

 61.5370, 0.4126,
0.3921


430.2402, 0.3654,
0.3643


 44.6587, 0.4233,
0.3978


 107.0561, 0.3962,
0.3829

 31.1887, 0.4365,
0.4044


 136.4657, 0.3898,
0.3792

 20.7426, 0.4528,
0.4121


 170.8211, 0.3843,
0.3759

 12.9360, 0.4734,
0.4206

210.5068, 0.3795,
0.3731

 7.3845, 0.4995,
0.4291

255.9072, 0.3753,
0.3705

 3.7037, 0.5502,
0.4494

307.4066, 0.3716,

 1.5092, 0.5710,

0.3682

0.4290

365.3895, 0.3683,
0.3662

0.2952, 0.6839,
0.3161

0.0000, 0.0000,
0.0000

61.5370, 0.4126,
0.3921

61.5370, 0.4126,
0.3921

55.4887, 0.4398,
0.4034

68.2483, 0.3872,
0.3791

50.0697, 0.4676,
0.4119

75.6368, 0.3641,
0.3655

45.2562, 0.4947,
0.4161

83.7271, 0.3434,
0.3519

41.0180, 0.5191,
0.4150

92.5396, 0.3253,
0.3388

■ 37.3189, 0.5394,
0.4085

99.9927, 0.3127,
0.3290

■ 36.5820, 0.5435,
0.4067

Harmonies

Analogous

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



61.5370, 0.4168, 0.3523



61.5370, 0.4126, 0.3921



61.5370, 0.3805, 0.4202

Triad

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



61.5370, 0.4126, 0.3921



61.5370, 0.2394, 0.3418



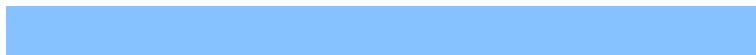
61.5370, 0.2869, 0.2518

Complementary

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



61.5370, 0.4126, 0.3921



50.7546, 0.2354, 0.2542

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.



61.5370, 0.2442, 0.2450



61.5370, 0.4126, 0.3921



61.5370, 0.2187, 0.2915

Square

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



61.5370, 0.4126, 0.3921



61.5370, 0.2800, 0.3933



61.5370, 0.2205, 0.2578



61.5370, 0.3405, 0.2753

Rectangle

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



61.5370, 0.4126, 0.3921



61.5370, 0.3489, 0.4257



61.5370, 0.2205, 0.2578



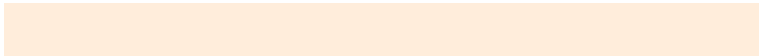
61.5370, 0.2709, 0.2475

Sweetspot

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



61.5400, 0.4126, 0.3921



87.0537, 0.3362, 0.3468



41.9189, 0.3774, 0.2666



18.2335, 0.3402, 0.3496



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.



61.5400, 0.4126, 0.3921



55.9908, 0.4374, 0.4026



94.4413, 0.3834, 0.4459



19.4889, 0.3282, 0.3409



19.4200, 0.5409, 0.4087



2.1093, 0.5234, 0.4226

Inverse Universe

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



50.7546, 0.2354, 0.2542



44.0783, 0.2213, 0.2367



28.9755, 0.2210, 0.1774



18.8772, 0.2979, 0.3168



12.0564, 0.1770, 0.1572



1.3923, 0.1827, 0.1778

Previews

White Background



This preview shows how the Yxy color 61.5370, 0.4126, 0.3921 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 61.5370, 0.4126, 0.3921 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 61.5370, 0.4126, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 61.5370, 0.4126, 0.3921.



This preview shows how white text looks on a background with the Yxy color 61.5370, 0.4126, 0.3921.

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

61.5370, 0.4126, 0.3921

Protanopia

61.6656, 0.3764, 0.4065

Deuteranopia

61.5549, 0.4060, 0.3977



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.5370, 0.4126, 0.3921

Protanomaly

61.6808, 0.3896, 0.4017

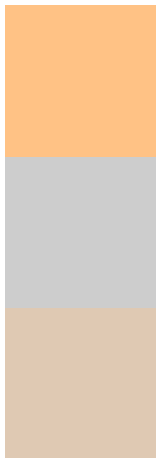
Deuteranomaly

61.6550, 0.4090, 0.3959

Tritanomaly

61.2215, 0.3791, 0.3439

Monochromacy



Original Color

61.5370, 0.4126, 0.3921

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7159, 0.3469, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5370, 0.4126, 0.3921 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, 194, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 133)  
}
```

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, 194, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 133) }
```

Border

The CSS property to change the border of an element to Yxy 61.5370, 0.4126, 0.3921 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, 194, 133) }
```

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

```
.border{ border-color:rgb(255, 194, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5370, 0.4126, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 133) }
```

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

```
.background{ background-color: rgb(255,  
194, 133) }
```

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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