

Converting Colors

$Yxy(61.1795, 0.3957, 0.3880)$

Have a look what the booklet for
Yxy(61.1795, 0.3957, 0.3880)
contains.

Yxy(61.2980, 0.3958, 0.3881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.2980, 0.3958, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	F5C58E
RGB	245, 197, 142
RGB Percent	96%, 77%, 56%
CMY	0.0391, 0.2275, 0.4431
CMYK	0.00, 0.20, 0.42, 0.04
HSL	32°, 84%, 76%
HSV	32°, 42%, 96%
XYZ	62.5142, 61.2980, 34.1317
YIQ	205.0820, 46.2630, -6.9290

Conversions

Conversions Part 2

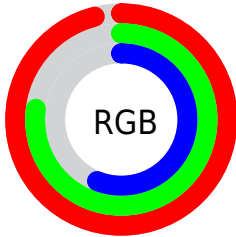
Format	Color
R _Y B	232, 245, 142
Decimal	16106894
CIE Lab	82.54, 10.09, 34.03
CIE LCh	83, 35.498, 73.484
Yxy	61.2980, 0.3958, 0.3881
Android (android.graphics.Color)	4294296974 (0xFFFF5C58E)
YUV	205.0820, -31.0994, 35.0081
Hunter-Lab	78.2930, 5.5130, 28.9578

Details

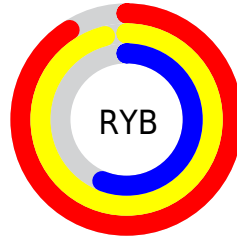
The Yxy color **61.2980, 0.3958, 0.3881** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.1958, 0.2441, 0.2606**, and the grayscale version is **61.2885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1291, 0.3480, 0.3861**, and **30.9650, 0.4164, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **55.6501, 0.4209, 0.4013**, and if you desaturate by 10%, it is **67.5068, 0.3725, 0.3738**.

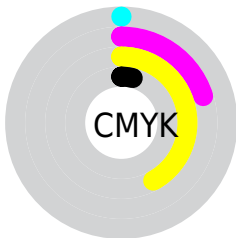
Distribution



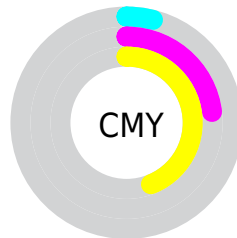
- Red (96%)
- Green (77%)
- Blue (56%)



- Red (91%)
- Yellow (96%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2980, 0.3958, 0.3881 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 61.2980, 0.3958, 0.3881 by changing the saturation by 10% instead.

 61.2980, 0.3958,
0.3881


 61.2980, 0.3958,
0.3881


429.3658, 0.3564,
0.3613

 44.4657, 0.4049,
0.3939


 106.7103, 0.3820,
0.3790

 31.0368, 0.4161,
0.4008


 136.0591, 0.3767,
0.3754

 20.6269, 0.4301,
0.4091


170.3488, 0.3721,
0.3723

 12.8515, 0.4481,
0.4191

209.9640, 0.3681,
0.3695

 7.3264, 0.4714,
0.4306

255.2888, 0.3646,
0.3671

 3.6670, 0.5095,
0.4491

306.7078, 0.3616,

 1.4891, 0.5463,

0.3650

0.4537

364.6053, 0.3588,
0.3630

0.2810, 0.6463,
0.3537

0.0000, 0.0000,
0.0000

61.2980, 0.3958,
0.3881

61.2980, 0.3958,
0.3881

55.6501, 0.4209,
0.4013

67.5068, 0.3725,
0.3738

50.5351, 0.4472,
0.4123

74.2860, 0.3513,
0.3593

45.9348, 0.4733,
0.4199

81.6555, 0.3325,
0.3452

41.8261, 0.4977,
0.4228

89.6316, 0.3159,
0.3317

■ 38.1828, 0.5189,
0.4203

■ 97.6008, 0.3066,
0.3281

■ 35.5895, 0.5333,
0.4148

■ 98.1585, 0.3066,
0.3290

Harmonies

Analogous

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



61.2980, 0.4025, 0.3549



61.2980, 0.3958, 0.3881



61.2980, 0.3662, 0.4087

Triad

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



61.2980, 0.3958, 0.3881



61.2980, 0.2463, 0.3341



61.2980, 0.2968, 0.2641

Complementary

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



61.2980, 0.3958, 0.3881



49.1958, 0.2441, 0.2606

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.



61.2980, 0.2580, 0.2562



61.2980, 0.3958, 0.3881



61.2980, 0.2306, 0.2926

Square

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



61.2980, 0.3958, 0.3881



61.2980, 0.2796, 0.3779



61.2980, 0.2347, 0.2654



61.2980, 0.3430, 0.2863

Rectangle

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



61.2980, 0.3958, 0.3881



61.2980, 0.3384, 0.4102



61.2980, 0.2347, 0.2654



61.2980, 0.2825, 0.2597

Sweetspot

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



61.3009, 0.3958, 0.3881



88.5765, 0.3342, 0.3465



42.4894, 0.3700, 0.2775



18.5680, 0.3383, 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.



61.3009, 0.3958, 0.3881



62.0802, 0.4160, 0.3989



86.0847, 0.3731, 0.4338



17.9471, 0.3280, 0.3416



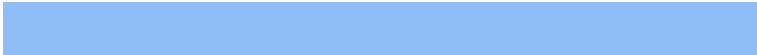
19.4472, 0.5309, 0.4166



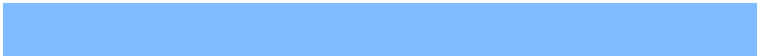
1.9149, 0.5131, 0.4308

Inverse Universe

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



49.1958, 0.2441, 0.2606



47.2922, 0.2309, 0.2446



32.0042, 0.2362, 0.1994



17.2006, 0.2980, 0.3160



10.3363, 0.1741, 0.1466



1.1121, 0.1806, 0.1702

Previews

White Background



This preview shows how the Yxy color 61.2980, 0.3958, 0.3881 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 61.2980, 0.3958, 0.3881 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 61.2980, 0.3958, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 61.2980, 0.3958, 0.3881.



This preview shows how white text looks on a background with the Yxy color 61.2980, 0.3958, 0.3881.

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

61.2980, 0.3958, 0.3881

Protanopia

61.7475, 0.3697, 0.3978

Deuteranopia

61.2980, 0.3958, 0.3881



Tritanopia

61.2641, 0.3524, 0.3134

Trichromacy



Original Color

61.2980, 0.3958, 0.3881

Protanomaly

61.5792, 0.3783, 0.3941

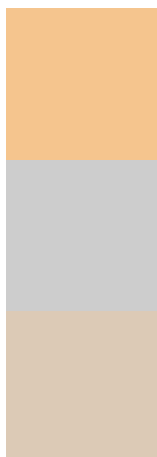
Deuteranomaly

61.2980, 0.3958, 0.3881

Tritanomaly

61.1752, 0.3692, 0.3409

Monochromacy



Original Color

61.2980, 0.3958, 0.3881

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8341, 0.3419, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2980, 0.3958, 0.3881 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(245, 197, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 197, 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(245, 197, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 197, 142) }
```

Border

The CSS property to change the border of an element to Yxy 61.2980, 0.3958, 0.3881 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(245, 197, 142) }
```

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

```
.border{ border-color:rgb(245, 197, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 197, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 197, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 197, 142); box-shadow:4px 4px 4px 4px rgb(245, 197, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2980, 0.3958, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 197, 142) }
```

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

```
.background{ background-color: rgb(245,  
197, 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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