

Converting Colors

$Yxy(60.8964, 0.4162, 0.4183)$

Have a look what the booklet for
Yxy(60.8964, 0.4162, 0.4183)
contains.

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Color

Yxy(60.8135, 0.4158, 0.4180)

Conversions

Conversions Part 1

Format	Color
Hex	F4C671
RGB	244, 198, 113
RGB Percent	96%, 78%, 44%
CMY	0.0430, 0.2236, 0.5568
CMYK	0.00, 0.19, 0.54, 0.04
HSL	39°, 86%, 70%
HSV	39°, 54%, 96%
XYZ	60.4934, 60.8135, 24.1799
YIQ	202.0640, 54.7010, -16.6830

Conversions

Conversions Part 2

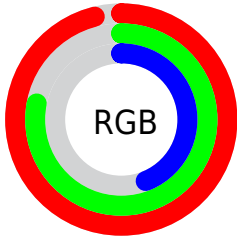
Format	Color
RYB	184, 244, 113
Decimal	16041585
CIELab	82.28, 6.48, 48.33
CIELCh	82, 48.763, 82.367
Yxy	60.8135, 0.4158, 0.4180
Android (android.graphics.Color)	4294231665 (0xFFFF4C671)
YUV	202.0640, -43.9086, 36.7779
Hunter-Lab	77.9830, 1.9968, 36.2043

Details

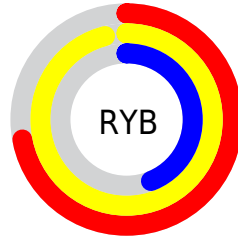
The Yxy color **60.8135, 0.4158, 0.4180** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.8675, 0.2210, 0.2167**, and the grayscale version is **59.3631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5332, 0.3655, 0.4162**, and **30.6086, 0.4388, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **56.5280, 0.4375, 0.4309**, and if you desaturate by 10%, it is **65.4746, 0.3940, 0.4026**.

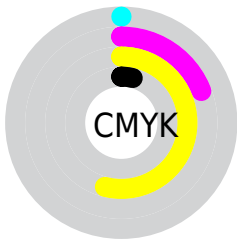
Distribution



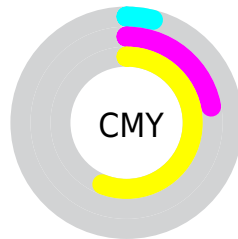
- Red (96%)
- Green (78%)
- Blue (44%)



- Red (72%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8135, 0.4158, 0.4180 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 60.8135, 0.4158, 0.4180 by changing the saturation by 10% instead.

 60.8135, 0.4158,
0.4180

 60.8135, 0.4158,
0.4180

427.5899, 0.3681,
0.3781


 44.0747, 0.4262,
0.4263


 106.0089, 0.3995,
0.4047

 30.7292, 0.4386,
0.4359


 135.2342, 0.3931,
0.3994

 20.3927, 0.4534,
0.4469


 169.3904, 0.3875,
0.3947

 12.6809, 0.4710,
0.4591

208.8620, 0.3826,
0.3906

 7.2092, 0.4931,
0.4733

254.0334, 0.3783,
0.3869

 3.5932, 0.5162,
0.4838

305.2889, 0.3745,

 1.4487, 0.5261,

0.3837

0.4739

363.0129, 0.3711,
0.3807

0.2522, 0.6120,
0.3880

0.0000, 0.0000,
0.0000

60.8135, 0.4158,
0.4180

60.8135, 0.4158,
0.4180

56.5280, 0.4375,
0.4309

65.4746, 0.3940,
0.4026

52.5937, 0.4582,
0.4402


70.5170, 0.3729,
0.3857

48.9956, 0.4765,
0.4447

75.9568, 0.3531,
0.3684


45.7127, 0.4917,
0.4440

81.8064, 0.3349,
0.3513

 43.7840, 0.4999,
0.4413

 88.0775, 0.3184,
0.3348

 94.4913, 0.3061,
0.3236

 97.9795, 0.3060,
0.3290

Harmonies

Analogous

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



60.8135, 0.4370, 0.3750



60.8135, 0.4158, 0.4180



60.8135, 0.3675, 0.4422

Triad

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



60.8135, 0.4158, 0.4180



60.8135, 0.2142, 0.3159



60.8135, 0.3084, 0.2497

Complementary

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



60.8135, 0.4158, 0.4180



34.8675, 0.2210, 0.2167

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.



60.8135, 0.2519, 0.2330



60.8135, 0.4158, 0.4180



60.8135, 0.2021, 0.2646

Square

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



60.8135, 0.4158, 0.4180



60.8135, 0.2513, 0.3803



60.8135, 0.2151, 0.2370



60.8135, 0.3720, 0.2831

Rectangle

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



60.8135, 0.4158, 0.4180



60.8135, 0.3276, 0.4391



60.8135, 0.2151, 0.2370



60.8135, 0.2879, 0.2421

Sweetspot

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



60.8164, 0.4158, 0.4180



88.8349, 0.3390, 0.3553



33.6313, 0.4107, 0.2781



18.7256, 0.3427, 0.3588



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.



60.8164, 0.4158, 0.4180



62.2534, 0.4385, 0.4314



82.1766, 0.3778, 0.4642



18.2761, 0.3277, 0.3443



24.0658, 0.4982, 0.4426



2.3077, 0.4858, 0.4525

Inverse Universe

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



34.8675, 0.2210, 0.2167



31.0303, 0.2037, 0.1903



23.1352, 0.2203, 0.1617



16.8795, 0.2980, 0.3132



7.3812, 0.1646, 0.1126



0.8344, 0.1715, 0.1374

Previews

White Background



This preview shows how the Yxy color 60.8135, 0.4158, 0.4180 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 60.8135, 0.4158, 0.4180 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 60.8135, 0.4158, 0.4180

Background



This preview shows how black text looks on a background with the Yxy color 60.8135, 0.4158, 0.4180.



This preview shows how white text looks on a background with the Yxy color 60.8135, 0.4158, 0.4180.

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

60.8135, 0.4158, 0.4180

Protanopia

60.9311, 0.3938, 0.4282

Deuteranopia

60.5691, 0.4219, 0.4123



Tritanopia

60.9262, 0.3551, 0.3145

Trichromacy



Original Color

60.8135, 0.4158, 0.4180

Protanomaly

60.6347, 0.4020, 0.4240

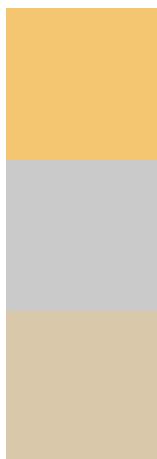
Deuteranomaly

60.6512, 0.4196, 0.4139

Tritanomaly

60.7413, 0.3784, 0.3527

Monochromacy



Original Color

60.8135, 0.4158, 0.4180

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4273, 0.3489, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8135, 0.4158, 0.4180 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(244, 198, 113)` looks like.

```
.text, #text, p{  
    color:rgb(244, 198, 113)  
}
```

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(244, 198, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 198, 113) }
```

Border

The CSS property to change the border of an element to Yxy 60.8135, 0.4158, 0.4180 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(244, 198, 113) }
```

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

```
.border{ border-color:rgb(244, 198, 113) }
```

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

Here you see how a box with a 4 pixel rgb(244, 198, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 198, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 198, 113);  
box-shadow:4px 4px 4px 4px rgb(244, 198,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8135, 0.4158, 0.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 198, 113) }
```

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

```
.background{ background-color: rgb(244,  
198, 113) }
```

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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