

Converting Colors

$Y_{xy}(60.8220, 0.4025, 0.3941)$

Have a look what the booklet for
Yxy(60.8220, 0.4025, 0.3941)
contains.

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Color

Yxy(60.8220, 0.4025, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	F6C487
RGB	246, 196, 135
RGB Percent	96%, 77%, 53%
CMY	0.0353, 0.2313, 0.4705
CMYK	0.00, 0.20, 0.45, 0.04
HSL	33°, 86%, 75%
HSV	33°, 45%, 96%
XYZ	62.1184, 60.8220, 31.3910
YIQ	203.9960, 49.3810, -8.3710

Conversions

Conversions Part 2

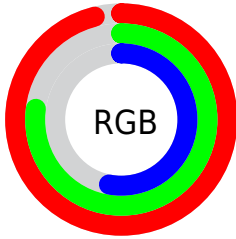
Format	Color
R _Y B	226, 246, 135
Decimal	16172167
CIE Lab	82.28, 10.27, 37.33
CIE LCh	82, 38.718, 74.612
Yxy	60.8220, 0.4025, 0.3941
Android (android.graphics.Color)	4294362247 (0xFFFF6C487)
YUV	203.9960, -34.0150, 36.8375
Hunter-Lab	77.9885, 5.6968, 30.7272

Details

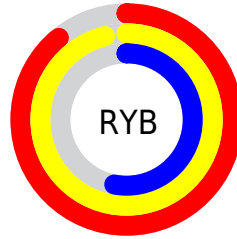
The Yxy color $60.8220, 0.4025, 0.3941$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $46.5026, 0.2386, 0.2523$, and the grayscale version is $60.5786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.1847, 0.3524, 0.3921$, and $30.6775, 0.4251, 0.4073$ is the 20% darker color. If you saturate the color by 10%, you get $55.3946, 0.4276, 0.4071$, and if you desaturate by 10%, it is $66.7844, 0.3789, 0.3797$.

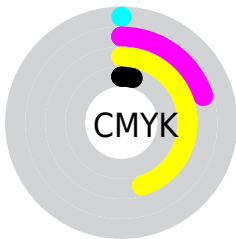
Distribution



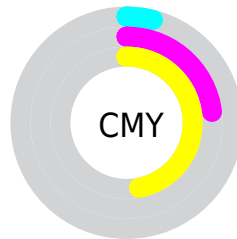
- Red (96%)
- Green (77%)
- Blue (53%)



- Red (89%)
- Yellow (96%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8220, 0.4025, 0.3941 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 60.8220, 0.4025, 0.3941 by changing the saturation by 10% instead.

 60.8220, 0.4025,
0.3941


 60.8220, 0.4025,
0.3941


427.6210, 0.3600,
0.3647

 44.0815, 0.4122,
0.4004


 106.0212, 0.3877,
0.3842

 30.7346, 0.4241,
0.4078


 135.2486, 0.3820,
0.3803

 20.3968, 0.4389,
0.4166

 169.4073, 0.3770,
0.3768

 12.6838, 0.4576,
0.4269

208.8814, 0.3727,
0.3738

 7.2112, 0.4815,
0.4384

254.0554, 0.3689,
0.3711

 3.5945, 0.5273,
0.4629

305.3138, 0.3656,

 1.4494, 0.5478,

0.3688

0.4522

363.0409, 0.3626,
0.3666

0.2527, 0.6602,
0.3398

0.0000, 0.0000,
0.0000

60.8220, 0.4025,
0.3941

60.8220, 0.4025,
0.3941

55.3946, 0.4276,
0.4071

66.7844, 0.3789,
0.3797

50.4744, 0.4532,
0.4176

73.2909, 0.3573,
0.3648

46.0436, 0.4782,
0.4242

80.3612, 0.3379,
0.3501

42.0789, 0.5010,
0.4258

88.0110, 0.3207,
0.3359

■ 38.5534, 0.5202,
0.4219

■ 96.0601, 0.3073,
0.3255

■ 36.9753, 0.5286,
0.4185

■ 98.3319, 0.3072,
0.3290

Harmonies

Analogous

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



60.8220, 0.4112, 0.3581



60.8220, 0.4025, 0.3941



60.8220, 0.3691, 0.4165

Triad

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



60.8220, 0.4025, 0.3941



60.8220, 0.2393, 0.3324



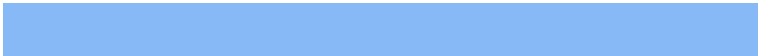
60.8220, 0.2970, 0.2593

Complementary

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



60.8220, 0.4025, 0.3941



46.5026, 0.2386, 0.2523

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.



60.8220, 0.2544, 0.2500



60.8220, 0.4025, 0.3941



60.8220, 0.2233, 0.2875

Square

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



60.8220, 0.4025, 0.3941



60.8220, 0.2747, 0.3812



60.8220, 0.2287, 0.2590



60.8220, 0.3475, 0.2838

Rectangle

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



60.8220, 0.4025, 0.3941



60.8220, 0.3385, 0.4179



60.8220, 0.2287, 0.2590



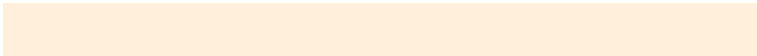
60.8220, 0.2814, 0.2543

Sweetspot

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



60.8249, 0.4025, 0.3941



88.0769, 0.3360, 0.3485



40.5025, 0.3760, 0.2738



18.4826, 0.3399, 0.3516



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.



60.8249, 0.4025, 0.3941



60.6825, 0.4250, 0.4059



86.5875, 0.3771, 0.4409



17.9924, 0.3280, 0.3420



20.0213, 0.5263, 0.4203



1.9648, 0.5092, 0.4339

Inverse Universe

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



46.5026, 0.2386, 0.2523



43.3914, 0.2240, 0.2335



29.4488, 0.2296, 0.1884



17.1558, 0.2980, 0.3156



9.8677, 0.1727, 0.1415



1.0695, 0.1793, 0.1655

Previews

White Background



This preview shows how the Yxy color 60.8220, 0.4025, 0.3941 looks on a white background.

Color Contrast Check

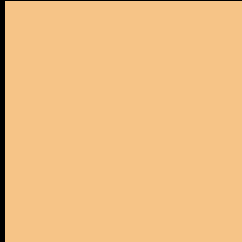
Large Text (above 18pt) WCAG AA × Fail

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 60.8220, 0.4025, 0.3941 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 60.8220, 0.4025, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 60.8220, 0.4025, 0.3941.



This preview shows how white text looks on a background with the Yxy color 60.8220, 0.4025, 0.3941.

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

60.8220, 0.4025, 0.3941

Protanopia

61.0563, 0.3752, 0.4046

Deuteranopia

60.8220, 0.4025, 0.3941



Tritanopia

60.5004, 0.3553, 0.3134

Trichromacy



Original Color

60.8220, 0.4025, 0.3941

Protanomaly

61.0650, 0.3848, 0.4005

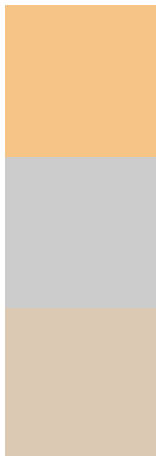
Deuteranomaly

60.8220, 0.4025, 0.3941

Tritanomaly

60.3653, 0.3731, 0.3419

Monochromacy



Original Color

60.8220, 0.4025, 0.3941

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0880, 0.3436, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8220, 0.4025, 0.3941 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(246, 196, 135)` looks like.

```
.text, #text, p{  
    color:rgb(246, 196, 135)  
}
```

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(246, 196, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 196, 135) }
```

Border

The CSS property to change the border of an element to Yxy 60.8220, 0.4025, 0.3941 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(246, 196, 135) }
```

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

```
.border{ border-color:rgb(246, 196, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 196, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 196, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 196, 135);  
box-shadow:4px 4px 4px 4px rgb(246, 196,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8220, 0.4025, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 196, 135) }
```

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

```
.background{ background-color: rgb(246,  
196, 135) }
```

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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