

Converting Colors

$Yxy(62.7865, 0.3966, 0.3885)$

Have a look what the booklet for
Yxy(62.7865, 0.3966, 0.3885)
contains.

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Color

Yxy(62.7865, 0.3966, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	F8C78F
RGB	248, 199, 143
RGB Percent	97%, 78%, 56%
CMY	0.0274, 0.2196, 0.4392
CMYK	0.00, 0.20, 0.42, 0.03
HSL	32°, 88%, 77%
HSV	32°, 42%, 97%
XYZ	64.0956, 62.7865, 34.7306
YIQ	207.2670, 47.1800, -7.0280

Conversions

Conversions Part 2

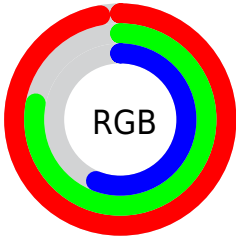
Format	Color
R _Y B	235, 248, 143
Decimal	16304015
CIE Lab	83.33, 10.32, 34.61
CIE LCh	83, 36.112, 73.400
Yxy	62.7865, 0.3966, 0.3885
Android (android.graphics.Color)	4294494095 (0xFFFF8C78F)
YUV	207.2670, -31.6836, 35.7228
Hunter-Lab	79.2379, 5.7223, 29.4793

Details

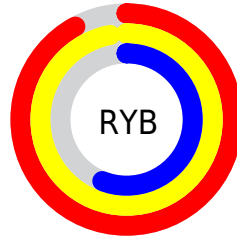
The Yxy color **62.7865, 0.3966, 0.3885** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3247, 0.2436, 0.2601**, and the grayscale version is **62.7660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **31.9707, 0.4172, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **56.9932, 0.4218, 0.4016**, and if you desaturate by 10%, it is **69.1571, 0.3732, 0.3743**.

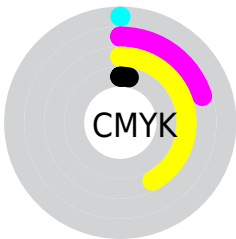
Distribution



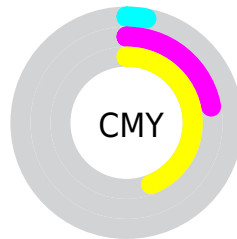
- Red (97%)
- Green (78%)
- Blue (56%)



- Red (92%)
- Yellow (97%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7865, 0.3966, 0.3885 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 62.7865, 0.3966, 0.3885 by changing the saturation by 10% instead.


 62.7865, 0.3966,
0.3885

 62.7865, 0.3966,
0.3885


434.7942, 0.3570,
0.3617

 45.6685, 0.4057,
0.3943


 108.8614, 0.3828,
0.3794

 31.9843, 0.4168,
0.4011


 138.5872, 0.3774,
0.3758

 21.3495, 0.4308,
0.4094


173.2843, 0.3728,
0.3727

 13.3797, 0.4486,
0.4192

213.3372, 0.3688,
0.3700

 7.6905, 0.4717,
0.4305

259.1302, 0.3653,
0.3675

 3.8976, 0.5076,
0.4473

311.0478, 0.3622,

 1.6164, 0.5460,

0.3654

0.4540

369.4743, 0.3594,
0.3634

0.3686, 0.6203,
0.3797

0.0000, 0.0000,
0.0000

62.7865, 0.3966,
0.3885

62.7865, 0.3966,
0.3885

56.9932, 0.4218,
0.4016

69.1571, 0.3732,
0.3743

51.7482, 0.4481,
0.4126

76.1149, 0.3519,
0.3598

47.0328, 0.4742,
0.4200

83.6804, 0.3330,
0.3456

42.8232, 0.4986,
0.4227

91.8705, 0.3163,
0.3320

■ 39.0919, 0.5197,
0.4200

■ 98.6980, 0.3084,
0.3290

■ 36.5299, 0.5335,
0.4146

Harmonies

Analogous

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



62.7865, 0.4033, 0.3550



62.7865, 0.3966, 0.3885



62.7865, 0.3667, 0.4094

Triad

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



62.7865, 0.3966, 0.3885



62.7865, 0.2458, 0.3343



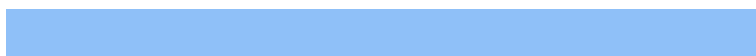
62.7865, 0.2965, 0.2635

Complementary

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



62.7865, 0.3966, 0.3885



50.3247, 0.2436, 0.2601

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.



62.7865, 0.2574, 0.2556



62.7865, 0.3966, 0.3885



62.7865, 0.2299, 0.2924

Square

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



62.7865, 0.3966, 0.3885



62.7865, 0.2794, 0.3785



62.7865, 0.2340, 0.2649



62.7865, 0.3431, 0.2859

Rectangle

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



62.7865, 0.3966, 0.3885



62.7865, 0.3387, 0.4110



62.7865, 0.2340, 0.2649



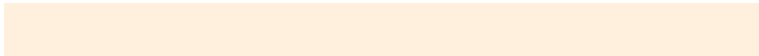
62.7865, 0.2821, 0.2591

Sweetspot

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



62.7895, 0.3966, 0.3885



88.5684, 0.3342, 0.3465



43.4902, 0.3688, 0.2753



18.5660, 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.



62.7895, 0.3966, 0.3885



61.4573, 0.4186, 0.4001



88.7632, 0.3747, 0.4341



18.7580, 0.3281, 0.3417



20.0157, 0.5312, 0.4164



2.0661, 0.5141, 0.4300

Inverse Universe

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



50.3247, 0.2436, 0.2601



46.5461, 0.2293, 0.2427



32.4237, 0.2343, 0.1979



17.9786, 0.2980, 0.3160



10.6524, 0.1741, 0.1466



1.1966, 0.1803, 0.1690

Previews

White Background



This preview shows how the Yxy color 62.7865, 0.3966, 0.3885 looks on a white background.

Color Contrast Check

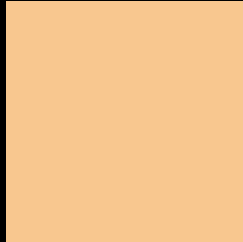
Large Text (above 18pt) WCAG AA × Fail

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 62.7865, 0.3966, 0.3885 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 62.7865, 0.3966, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 62.7865, 0.3966, 0.3885.



This preview shows how white text looks on a background with the Yxy color 62.7865, 0.3966, 0.3885.

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

62.7865, 0.3966, 0.3885

Protanopia

63.0656, 0.3699, 0.3983

Deuteranopia

62.7865, 0.3966, 0.3885



Tritanopia

62.7887, 0.3528, 0.3136

Trichromacy



Original Color

62.7865, 0.3966, 0.3885

Protanomaly

63.0616, 0.3792, 0.3945

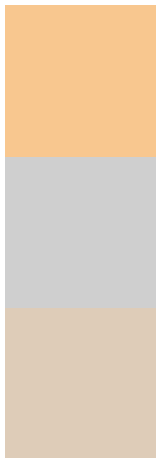
Deuteranomaly

62.7865, 0.3966, 0.3885

Tritanomaly

62.6979, 0.3695, 0.3407

Monochromacy



Original Color

62.7865, 0.3966, 0.3885

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1760, 0.3416, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7865, 0.3966, 0.3885 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(248, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(248, 199, 143)  
}
```

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(248, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 199, 143) }
```

Border

The CSS property to change the border of an element to Yxy 62.7865, 0.3966, 0.3885 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(248, 199, 143) }
```

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

```
.border{ border-color:rgb(248, 199, 143) }
```

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

Here you see how a box with a 4 pixel rgb(248, 199, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(248, 199,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7865, 0.3966, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 199, 143) }
```

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

```
.background{ background-color: rgb(248,  
199, 143) }
```

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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