

Converting Colors

$Yxy(63.6102, 0.3981, 0.4124)$

Have a look what the booklet for
Yxy(63.6102, 0.3981, 0.4124)
contains.

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Color

Yxy(63.5457, 0.3980, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	EBCD7F
RGB	239, 205, 127
RGB Percent	94%, 80%, 50%
CMY	0.0626, 0.1961, 0.5018
CMYK	0.00, 0.14, 0.47, 0.06
HSL	42°, 78%, 72%
HSV	42°, 47%, 94%
XYZ	61.2674, 63.5457, 29.1251
YIQ	206.2740, 45.3020, -17.0500

Conversions

Conversions Part 2

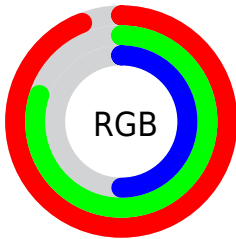
Format	Color
RYB	176, 239, 127
Decimal	15715711
CIELab	83.73, 2.05, 43.08
CIELCh	84, 43.131, 87.273
Yxy	63.5457, 0.3980, 0.4128
Android (android.graphics.Color)	4293905791 (0xFFEFC7D7F)
YUV	206.2740, -39.0821, 28.7007
Hunter-Lab	79.7156, -2.3115, 34.1385

Details

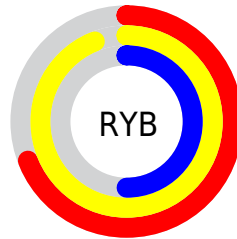
The Yxy color **63.5457, 0.3980, 0.4128** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.2609, 0.2317, 0.2265**, and the grayscale version is **62.1447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **32.4788, 0.4170, 0.4310** is the 20% darker color. If you saturate the color by 10%, you get **59.6026, 0.4184, 0.4285**, and if you desaturate by 10%, it is **67.8040, 0.3778, 0.3953**.

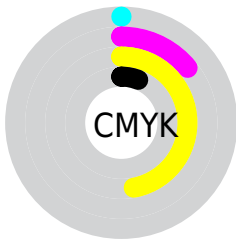
Distribution



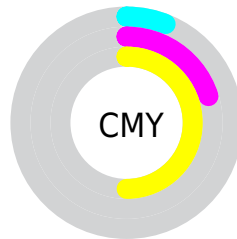
- Red (94%)
- Green (80%)
- Blue (50%)



- Red (69%)
- Yellow (94%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (47%)
- Black (6%)




- Cyan (6%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5457, 0.3980, 0.4128 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 63.5457, 0.3980, 0.4128 by changing the saturation by 10% instead.


 63.5457, 0.3980,
0.4128


 63.5457, 0.3980,
0.4128

437.5472, 0.3586,
0.3745


 46.2828, 0.4067,
0.4211


 109.9564, 0.3845,
0.3998

 32.4691, 0.4171,
0.4310


 139.8730, 0.3792,
0.3946

 21.7200, 0.4297,
0.4429


 174.7763, 0.3746,
0.3901

 13.6513, 0.4449,
0.4571

215.0508, 0.3706,
0.3862

 7.8786, 0.4631,
0.4735

261.0807, 0.3671,
0.3828

 4.0173, 0.4962,
0.5038

313.2504, 0.3639,

 1.6833, 0.4992,

0.3797

0.5008

371.9445, 0.3611,
0.3769

0.4128, 0.5173,
0.4827

0.0000, 0.0000,
0.0000

63.5457, 0.3980,
0.4128

63.5457, 0.3980,
0.4128

59.6026, 0.4184,
0.4285

67.8040, 0.3778,
0.3953

55.9529, 0.4380,
0.4412

72.3801, 0.3583,
0.3770


52.5854, 0.4559,
0.4500


77.2880, 0.3401,
0.3586

49.4837, 0.4712,
0.4539

82.5377, 0.3233,
0.3408

 46.6276, 0.4833,
0.4527

 88.1390, 0.3081,
0.3238

 45.7706, 0.4867,
0.4517

 93.0655, 0.3030,
0.3227

 97.0957, 0.3030,
0.3290

Harmonies

Analogous

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



63.5457, 0.4205, 0.3776



63.5457, 0.3980, 0.4128



63.5457, 0.3533, 0.4281

Triad

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



63.5457, 0.3980, 0.4128



63.5457, 0.2225, 0.3099



63.5457, 0.3184, 0.2627

Complementary

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



63.5457, 0.3980, 0.4128



36.2609, 0.2317, 0.2265

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.



63.5457, 0.2666, 0.2451



63.5457, 0.3980, 0.4128



63.5457, 0.2151, 0.2675

Square

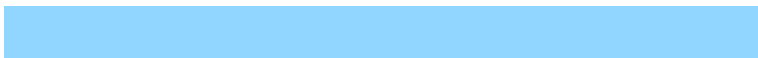
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5457, 0.3980, 0.4128



63.5457, 0.2524, 0.3646



63.5457, 0.2304, 0.2459



63.5457, 0.3730, 0.2946

Rectangle

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



63.5457, 0.3980, 0.4128



63.5457, 0.3177, 0.4206



63.5457, 0.2304, 0.2459



63.5457, 0.3000, 0.2550

Sweetspot

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



63.5487, 0.3980, 0.4128



91.1828, 0.3352, 0.3535



36.1689, 0.3991, 0.2900



19.2412, 0.3390, 0.3575



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.



63.5487, 0.3980, 0.4128



69.3241, 0.4170, 0.4275



78.2647, 0.3668, 0.4501



17.6010, 0.3276, 0.3454



25.5290, 0.4854, 0.4528



2.2981, 0.4746, 0.4614

Inverse Universe

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



36.2609, 0.2317, 0.2265



34.3190, 0.2149, 0.2016



27.6760, 0.2383, 0.1868



16.0120, 0.2980, 0.3121



6.2523, 0.1613, 0.1007



0.6889, 0.1685, 0.1265

Previews

White Background



This preview shows how the Yxy color 63.5457, 0.3980, 0.4128 looks on a white background.

Color Contrast Check

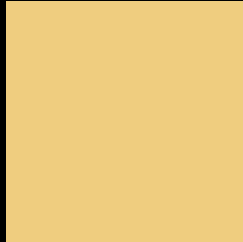
Large Text (above 18pt) WCAG AA × Fail

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 63.5457, 0.3980, 0.4128 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 63.5457, 0.3980, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 63.5457, 0.3980, 0.4128.



This preview shows how white text looks on a background with the Yxy color 63.5457, 0.3980, 0.4128.

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

63.5457, 0.3980, 0.4128

Protanopia

63.6799, 0.3855, 0.4178

Deuteranopia

63.2880, 0.4120, 0.4022



Tritanopia

63.4575, 0.3432, 0.3133

Trichromacy



Original Color

63.5457, 0.3980, 0.4128

Protanomaly

63.8261, 0.3900, 0.4168

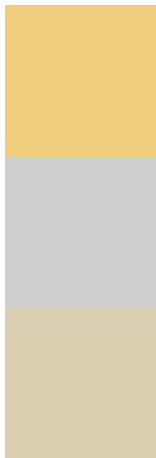
Deuteranomaly

63.2883, 0.4068, 0.4055

Tritanomaly

63.3752, 0.3639, 0.3496

Monochromacy



Original Color

63.5457, 0.3980, 0.4128

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2224, 0.3433, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5457, 0.3980, 0.4128 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(239, 205, 127)` looks like.

```
.text, #text, p{  
    color:rgb(239, 205, 127)  
}
```

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(239, 205, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 205, 127) }
```

Border

The CSS property to change the border of an element to Yxy 63.5457, 0.3980, 0.4128 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(239, 205, 127) }
```

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

```
.border{ border-color:rgb(239, 205, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 205, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 205, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 205, 127);  
box-shadow:4px 4px 4px 4px rgb(239, 205,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5457, 0.3980, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 205, 127) }
```

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

```
.background{ background-color: rgb(239,  
205, 127) }
```

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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