

Converting Colors

$Yxy(63.7928, 0.3996, 0.3988)$

Have a look what the booklet for
Yxy(63.7928, 0.3996, 0.3988)
contains.

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Color

Yxy(63.7928, 0.3996, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	F7CA88
RGB	247, 202, 136
RGB Percent	97%, 79%, 53%
CMY	0.0314, 0.2078, 0.4665
CMYK	0.00, 0.18, 0.45, 0.03
HSL	36°, 87%, 75%
HSV	36°, 45%, 97%
XYZ	63.9208, 63.7928, 32.2483
YIQ	207.9310, 48.0060, -10.9860

Conversions

Conversions Part 2

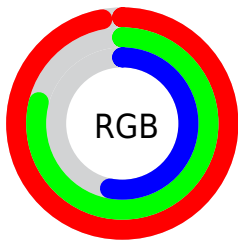
Format	Color
R _Y B	212, 247, 136
Decimal	16239240
CIE Lab	83.86, 7.64, 38.85
CIE LCh	84, 39.598, 78.871
Yxy	63.7928, 0.3996, 0.3988
Android (android.graphics.Color)	4294429320 (0xFFF7CA88)
YUV	207.9310, -35.4620, 34.2635
Hunter-Lab	79.8704, 3.0815, 31.9705

Details

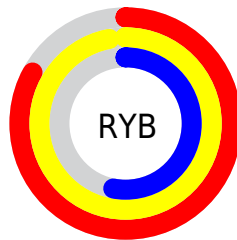
The Yxy color **63.7928, 0.3996, 0.3988** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0039, 0.2377, 0.2461**, and the grayscale version is **63.2431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **32.6545, 0.4204, 0.4133** is the 20% darker color. If you saturate the color by 10%, you get **58.6249, 0.4232, 0.4129**, and if you desaturate by 10%, it is **69.4334, 0.3771, 0.3833**.

Distribution



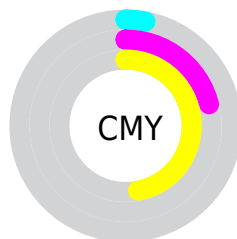
- Red (97%)
- Green (79%)
- Blue (53%)



- Red (83%)
- Yellow (97%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (3%)




- Cyan (3%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7928, 0.3996, 0.3988 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 63.7928, 0.3996, 0.3988 by changing the saturation by 10% instead.


 63.7928, 0.3996,
0.3988


 63.7928, 0.3996,
0.3988


438.4410, 0.3590,
0.3673

 46.4829, 0.4087,
0.4056

 110.3125, 0.3856,
0.3882

 32.6270, 0.4199,
0.4136


 140.2910, 0.3801,
0.3839

 21.8409, 0.4336,
0.4232


 175.2612, 0.3753,
0.3803

 13.7400, 0.4508,
0.4345

215.6075, 0.3712,
0.3770

 7.9401, 0.4723,
0.4475

261.7142, 0.3676,
0.3742

 4.0566, 0.5103,
0.4712

313.9658, 0.3644,

 1.7053, 0.5305,

0.3716

0.4695

372.7466, 0.3615,
0.3693

0.4271, 0.5811,
0.4189

0.0000, 0.0000,
0.0000

63.7928, 0.3996,
0.3988

63.7928, 0.3996,
0.3988

58.6249, 0.4232,
0.4129

69.4334, 0.3771,
0.3833

53.9037, 0.4470,
0.4243

75.5534, 0.3563,
0.3673

49.6136, 0.4699,
0.4319

82.1706, 0.3373,
0.3515

45.7336, 0.4905,
0.4347

89.2991, 0.3204,
0.3362

■ 42.2394, 0.5077,
0.4320

■ 96.6570, 0.3079,
0.3262

■ 40.5974, 0.5153,
0.4290

■ 98.5119, 0.3078,
0.3290

Harmonies

Analogous

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



63.7928, 0.4124, 0.3638



63.7928, 0.3996, 0.3988



63.7928, 0.3633, 0.4185

Triad

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



63.7928, 0.3996, 0.3988



63.7928, 0.2353, 0.3254



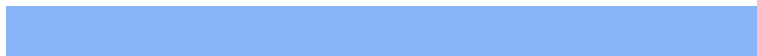
63.7928, 0.3039, 0.2615

Complementary

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



63.7928, 0.3996, 0.3988



45.0039, 0.2377, 0.2461

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.



63.7928, 0.2592, 0.2498



63.7928, 0.3996, 0.3988



63.7928, 0.2222, 0.2820

Square

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



63.7928, 0.3996, 0.3988



63.7928, 0.2684, 0.3751



63.7928, 0.2306, 0.2560



63.7928, 0.3548, 0.2880

Rectangle

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



63.7928, 0.3996, 0.3988



63.7928, 0.3317, 0.4171



63.7928, 0.2306, 0.2560



63.7928, 0.2877, 0.2558

Sweetspot

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



63.7958, 0.3996, 0.3988



89.7696, 0.3340, 0.3485



40.7778, 0.3817, 0.2798



18.8627, 0.3379, 0.3519



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.



63.7958, 0.3996, 0.3988



63.4811, 0.4212, 0.4118



86.4247, 0.3729, 0.4422



18.1211, 0.3279, 0.3431



21.7591, 0.5133, 0.4306



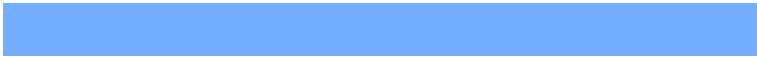
2.1139, 0.4983, 0.4425

Inverse Universe

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



45.0039, 0.2377, 0.2461



40.9559, 0.2223, 0.2254



30.3774, 0.2339, 0.1904



17.0296, 0.2980, 0.3145



8.6464, 0.1688, 0.1278



0.9562, 0.1757, 0.1524

Previews

White Background



This preview shows how the Yxy color 63.7928, 0.3996, 0.3988 looks on a white background.

Color Contrast Check

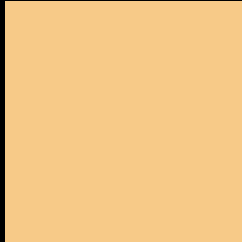
Large Text (above 18pt) WCAG AA × Fail

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 63.7928, 0.3996, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

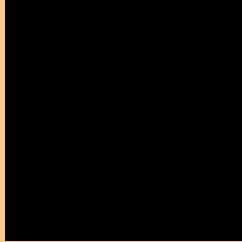
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7928, 0.3996, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 63.7928, 0.3996, 0.3988.



This preview shows how white text looks on a background with the Yxy color 63.7928, 0.3996, 0.3988.

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

63.7928, 0.3996, 0.3988

Protanopia

63.7959, 0.3777, 0.4075

Deuteranopia

63.7816, 0.4048, 0.3957



Tritanopia

63.7648, 0.3508, 0.3136

Trichromacy



Original Color

63.7928, 0.3996, 0.3988

Protanomaly

63.4700, 0.3855, 0.4038

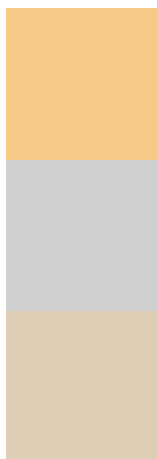
Deuteranomaly

63.8749, 0.4026, 0.3971

Tritanomaly

63.3665, 0.3689, 0.3439

Monochromacy



Original Color

63.7928, 0.3996, 0.3988

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0496, 0.3428, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7928, 0.3996, 0.3988 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(247, 202, 136)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 136)  
}
```

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(247, 202, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 136) }
```

Border

The CSS property to change the border of an element to Yxy 63.7928, 0.3996, 0.3988 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(247, 202, 136) }
```

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

```
.border{ border-color:rgb(247, 202, 136) }
```

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

Here you see how a box with a 4 pixel rgb(247, 202, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 136);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7928, 0.3996, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 136) }
```

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

```
.background{ background-color: rgb(247,  
202, 136) }
```

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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