

Converting Colors

$Y_{xy}(100.0000, 0.4810, 0.3713)$

Have a look what the booklet for
Yxy(100.0000, 0.4810, 0.3713)
contains.

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Color

Yxy(68.9363, 0.3956, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	FFD192
RGB	255, 209, 146
RGB Percent	100%, 82%, 57%
CMY	0.0000, 0.1804, 0.4276
CMYK	0.00, 0.18, 0.43, 0.00
HSL	35°, 100%, 79%
HSV	35°, 43%, 100%
XYZ	69.2338, 68.9363, 36.8395
YIQ	215.5720, 47.6390, -9.8410

Conversions

Conversions Part 2

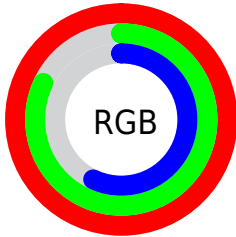
Format	Color
R _Y B	226, 255, 146
Decimal	16765330
CIE Lab	86.47, 8.19, 37.31
CIE LCh	86, 38.201, 77.623
Yxy	68.9363, 0.3956, 0.3939
Android (android.graphics.Color)	4294955410 (0xFFFFD192)
YUV	215.5720, -34.2990, 34.5784
Hunter-Lab	83.0279, 3.5456, 31.8125

Details

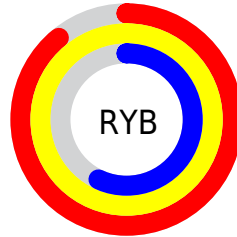
The Yxy color **68.9363, 0.3956, 0.3939** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.0168, 0.2417, 0.2530**, and the grayscale version is **68.5729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **35.9866, 0.4144, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **63.1254, 0.4195, 0.4080**, and if you desaturate by 10%, it is **75.2778, 0.3730, 0.3786**.

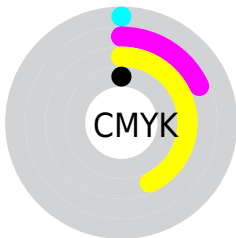
Distribution



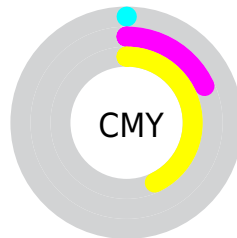
- Red (100%)
- Green (82%)
- Blue (57%)



- Red (89%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9363, 0.3956, 0.3939 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 68.9363, 0.3956, 0.3939 by changing the saturation by 10% instead.


 68.9363, 0.3956,
0.3939

 68.9363, 0.3956,
0.3939


456.8063, 0.3572,
0.3649

 50.6598, 0.4042,
0.4001

 117.6906, 0.3824,
0.3842

 35.9380, 0.4146,
0.4074


 148.9372, 0.3772,
0.3803

 24.3863, 0.4275,
0.4162


185.2760, 0.3728,
0.3769

 15.6204, 0.4437,
0.4267

227.0913, 0.3689,
0.3739

 9.2560, 0.4641,
0.4389

274.7676, 0.3654,
0.3713

 4.9085, 0.4921,
0.4540

328.6893, 0.3624,

 2.1937, 0.5299,

0.3689

0.4701

389.2407, 0.3597,
0.3668

0.7165, 0.5516,
0.4484

0.0000, 0.0000,
0.0000

68.9363, 0.3956,
0.3939

68.9363, 0.3956,
0.3939

63.1254, 0.4195,
0.4080

75.2778, 0.3730,
0.3786

57.8307, 0.4441,
0.4198

82.1719, 0.3523,
0.3630

53.0299, 0.4680,
0.4280

89.6336, 0.3336,
0.3476

48.7004, 0.4901,
0.4314

97.6787, 0.3170,
0.3329

■ 44.8156, 0.5089,
0.4294

100.0000, 0.3127,
0.3290

■ 42.2548, 0.5204,
0.4250

Harmonies

Analogous

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



68.9363, 0.4063, 0.3607



68.9363, 0.3956, 0.3939



68.9363, 0.3623, 0.4128

Triad

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



68.9363, 0.3956, 0.3939



68.9363, 0.2406, 0.3277



68.9363, 0.3026, 0.2644

Complementary

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



68.9363, 0.3956, 0.3939



51.0168, 0.2417, 0.2530

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.



68.9363, 0.2609, 0.2540



68.9363, 0.3956, 0.3939



68.9363, 0.2273, 0.2864

Square

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



68.9363, 0.3956, 0.3939



68.9363, 0.2728, 0.3740



68.9363, 0.2344, 0.2609



68.9363, 0.3504, 0.2890

Rectangle

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



68.9363, 0.3956, 0.3939



68.9363, 0.3327, 0.4119



68.9363, 0.2344, 0.2609



68.9363, 0.2874, 0.2592

Sweetspot

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



68.9349, 0.3956, 0.3939



89.4443, 0.3340, 0.3480



45.6696, 0.3752, 0.2802



18.7823, 0.3380, 0.3513



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.



68.9349, 0.3956, 0.3939



64.1075, 0.4153, 0.4057



93.5019, 0.3716, 0.4367



19.7312, 0.3280, 0.3427



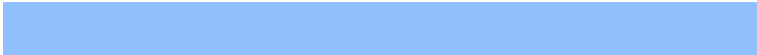
22.3811, 0.5183, 0.4267



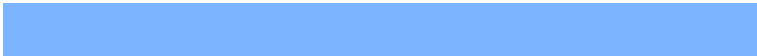
2.3956, 0.5039, 0.4381

Inverse Universe

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



51.0168, 0.2417, 0.2530



44.1467, 0.2278, 0.2351



34.5655, 0.2370, 0.1973



18.6374, 0.2979, 0.3149



9.6120, 0.1701, 0.1324



1.1465, 0.1763, 0.1545

Previews

White Background



This preview shows how the Yxy color 68.9363, 0.3956, 0.3939 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 68.9363, 0.3956, 0.3939 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 68.9363, 0.3956, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 68.9363, 0.3956, 0.3939.



This preview shows how white text looks on a background with the Yxy color 68.9363, 0.3956, 0.3939.

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

68.9363, 0.3956, 0.3939

Protanopia

69.2881, 0.3733, 0.4031

Deuteranopia

68.7721, 0.3886, 0.3829



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

68.9363, 0.3956, 0.3939

Protanomaly

69.1085, 0.3816, 0.3995

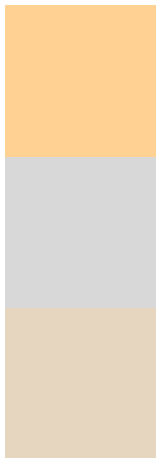
Deuteranomaly

68.6387, 0.3916, 0.3869

Tritanomaly

68.6842, 0.3626, 0.3436

Monochromacy



Original Color

68.9363, 0.3956, 0.3939

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.1731, 0.3411, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9363, 0.3956, 0.3939 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(255, 209, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 146)  
}
```

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(255, 209, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 146) }
```

Border

The CSS property to change the border of an element to Yxy 68.9363, 0.3956, 0.3939 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(255, 209, 146) }
```

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

```
.border{ border-color:rgb(255, 209, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9363, 0.3956, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 146) }
```

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

```
.background{ background-color: rgb(255,  
209, 146) }
```

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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