

Converting Colors

$Y_{xy}(63.9271, 0.4010, 0.3907)$

Have a look what the booklet for
Yxy(63.9271, 0.4010, 0.3907)
contains.

Yxy(63.9271, 0.4010, 0.3907)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.9271, 0.4010, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	FCC88D
RGB	252, 200, 141
RGB Percent	99%, 78%, 55%
CMY	0.0117, 0.2157, 0.4470
CMYK	0.00, 0.21, 0.44, 0.01
HSL	32°, 95%, 77%
HSV	32°, 44%, 99%
XYZ	65.6124, 63.9271, 34.0825
YIQ	208.8220, 49.9310, -7.3250

Conversions

Conversions Part 2

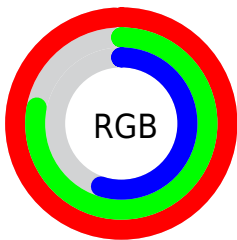
Format	Color
R _Y B	239, 252, 141
Decimal	16566413
CIE Lab	83.93, 11.17, 36.49
CIE LCh	84, 38.165, 72.979
Yxy	63.9271, 0.4010, 0.3907
Android (android.graphics.Color)	4294756493 (0xFFFC88D)
YUV	208.8220, -33.4362, 37.8671
Hunter-Lab	79.9544, 6.5609, 30.6943

Details

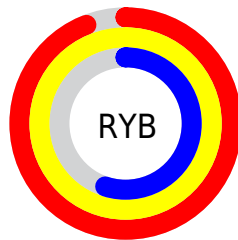
The Yxy color $63.9271, 0.4010, 0.3907$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $50.8452, 0.2407, 0.2569$, and the grayscale version is $63.8390, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.7201, 0.3484, 0.3880$, and $32.6334, 0.4216, 0.4033$ is the 20% darker color. If you saturate the color by 10%, you get $58.0025, 0.4266, 0.4035$, and if you desaturate by 10%, it is $70.4510, 0.3772, 0.3766$.

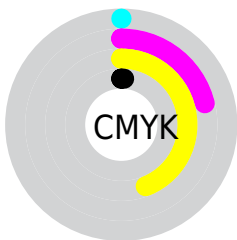
Distribution



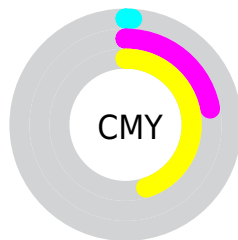
- Red (99%)
- Green (78%)
- Blue (55%)



- Red (94%)
- Yellow (99%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9271, 0.4010, 0.3907 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 63.9271, 0.4010, 0.3907 by changing the saturation by 10% instead.


 63.9271, 0.4010,
0.3907


 63.9271, 0.4010,
0.3907


438.9263, 0.3595,
0.3631

 46.5916, 0.4104,
0.3965


 110.5059, 0.3866,
0.3815

 32.7129, 0.4220,
0.4034


 140.5181, 0.3810,
0.3778

 21.9066, 0.4364,
0.4116


 175.5246, 0.3761,
0.3745

 13.7883, 0.4546,
0.4213

215.9099, 0.3719,
0.3717

 7.9736, 0.4780,
0.4321

262.0583, 0.3682,
0.3692

 4.0780, 0.5148,
0.4485

314.3542, 0.3650,

 1.7173, 0.5494,

0.3670

0.4506

373.1821, 0.3621,
0.3649

0.4348, 0.6121,
0.3879

0.0000, 0.0000,
0.0000

63.9271, 0.4010,
0.3907

63.9271, 0.4010,
0.3907

58.0025, 0.4266,
0.4035

70.4510, 0.3772,
0.3766

52.6470, 0.4530,
0.4139

77.5849, 0.3555,
0.3622

47.8404, 0.4790,
0.4205

85.3505, 0.3361,
0.3479

43.5574, 0.5031,
0.4223

93.7656, 0.3190,
0.3343

■ 39.7684, 0.5236,
0.4185

99.4390, 0.3109,
0.3290

■ 37.7275, 0.5341,
0.4141

Harmonies

Analogous

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



63.9271, 0.4078, 0.3554



63.9271, 0.4010, 0.3907



63.9271, 0.3698, 0.4133

Triad

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



63.9271, 0.4010, 0.3907



63.9271, 0.2429, 0.3351



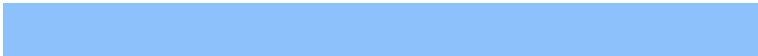
63.9271, 0.2950, 0.2603

Complementary

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



63.9271, 0.4010, 0.3907



50.8452, 0.2407, 0.2569

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.



63.9271, 0.2543, 0.2522



63.9271, 0.4010, 0.3907



63.9271, 0.2261, 0.2909

Square

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



63.9271, 0.4010, 0.3907



63.9271, 0.2782, 0.3818



63.9271, 0.2302, 0.2621



63.9271, 0.3439, 0.2835

Rectangle

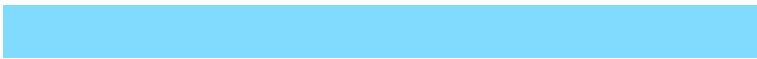
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.9271, 0.4010, 0.3907



63.9271, 0.3404, 0.4154



63.9271, 0.2302, 0.2621



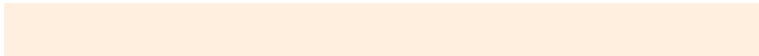
63.9271, 0.2800, 0.2557

Sweetspot

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



63.9301, 0.4010, 0.3907



88.5319, 0.3342, 0.3465



43.6759, 0.3721, 0.2732



18.5570, 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.



63.9301, 0.4010, 0.3907



60.1660, 0.4239, 0.4023



91.9113, 0.3771, 0.4381



18.7524, 0.3281, 0.3416



19.9475, 0.5317, 0.4160



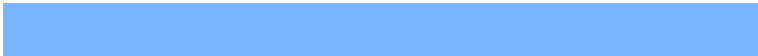
2.0598, 0.5146, 0.4296

Inverse Universe

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



50.8452, 0.2407, 0.2569



45.1445, 0.2262, 0.2389



31.9084, 0.2306, 0.1916



17.9841, 0.2980, 0.3161



10.7107, 0.1742, 0.1472



1.2021, 0.1804, 0.1696

Previews

White Background



This preview shows how the Yxy color 63.9271, 0.4010, 0.3907 looks on a white background.

Color Contrast Check

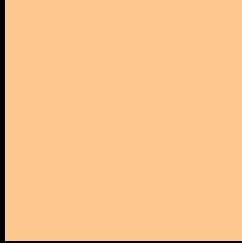
Large Text (above 18pt) WCAG AA × Fail

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 63.9271, 0.4010, 0.3907 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 63.9271, 0.4010, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 63.9271, 0.4010, 0.3907.



This preview shows how white text looks on a background with the Yxy color 63.9271, 0.4010, 0.3907.

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

63.9271, 0.4010, 0.3907

Protanopia

63.8140, 0.3726, 0.4012

Deuteranopia

63.7409, 0.4002, 0.3909



Tritanopia

63.9049, 0.3524, 0.3147

Trichromacy



Original Color

63.9271, 0.4010, 0.3907

Protanomaly

63.8184, 0.3820, 0.3972

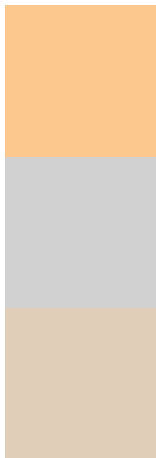
Deuteranomaly

63.7409, 0.4002, 0.3909

Tritanomaly

63.9696, 0.3706, 0.3428

Monochromacy



Original Color

63.9271, 0.4010, 0.3907

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6109, 0.3437, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9271, 0.4010, 0.3907 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(252, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(252, 200, 141)  
}
```

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(252, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 200, 141) }
```

Border

The CSS property to change the border of an element to Yxy 63.9271, 0.4010, 0.3907 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(252, 200, 141) }
```

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

```
.border{ border-color:rgb(252, 200, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 200, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 200, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 200, 141);  
box-shadow:4px 4px 4px 4px rgb(252, 200,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9271, 0.4010, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 200, 141) }
```

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

```
.background{ background-color: rgb(252,  
200, 141) }
```

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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