

Converting Colors

$Yxy(62.1629, 0.3909, 0.3700)$

Have a look what the booklet for
Yxy(62.1629, 0.3909, 0.3700)
contains.

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Color

Yxy(62.1260, 0.3914, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	FCC39C
RGB	252, 195, 156
RGB Percent	99%, 76%, 61%
CMY	0.0117, 0.2353, 0.3883
CMYK	0.00, 0.23, 0.38, 0.01
HSL	24°, 94%, 80%
HSV	24°, 38%, 99%
XYZ	65.6660, 62.1260, 39.9801
YIQ	207.5970, 46.4910, -0.0450

Conversions

Conversions Part 2

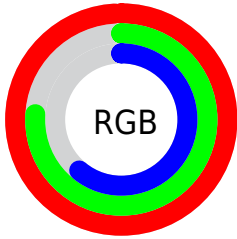
Format	Color
R _Y B	252, 222, 156
Decimal	16565148
CIE Lab	82.98, 15.38, 27.44
CIE LCh	83, 31.454, 60.736
Yxy	62.1260, 0.3914, 0.3703
Android (android.graphics.Color)	4294755228 (0xFFFC39C)
YUV	207.5970, -25.4373, 38.9414
Hunter-Lab	78.8200, 10.7755, 25.1002

Details

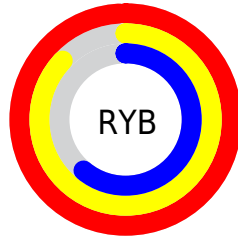
The Yxy color **62.1260, 0.3914, 0.3703** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.6946, 0.2528, 0.2831**, and the grayscale version is **62.9495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5840, 0.3392, 0.3693**, and **31.5186, 0.4121, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **54.9881, 0.4195, 0.3809**, and if you desaturate by 10%, it is **70.1191, 0.3664, 0.3591**.

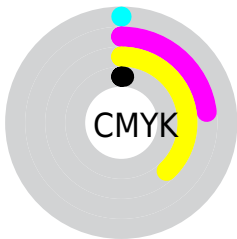
Distribution



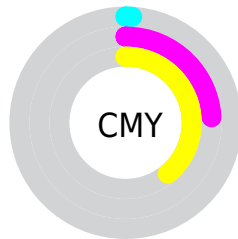
- Red (99%)
- Green (76%)
- Blue (61%)



- Red (99%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (1%)




- Cyan (1%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1260, 0.3914, 0.3703 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 62.1260, 0.3914, 0.3703 by changing the saturation by 10% instead.

 62.1260, 0.3914,
0.3703

 62.1260, 0.3914,
0.3703


432.3905, 0.3538,
0.3519

 45.1345, 0.4002,
0.3742


 107.9076, 0.3782,
0.3641

 31.5634, 0.4111,
0.3789


 137.4665, 0.3731,
0.3617

 21.0282, 0.4250,
0.3844


171.9834, 0.3687,
0.3595

 13.1446, 0.4432,
0.3910

211.8426, 0.3649,
0.3576

 7.5282, 0.4678,
0.3986

257.4285, 0.3616,
0.3560

 3.7946, 0.5024,
0.4064

309.1255, 0.3587,

 1.5593, 0.5738,

0.3545

0.4262

367.3181, 0.3561,
0.3531

0.3299, 0.6762,
0.3238

0.0000, 0.0000,
0.0000

62.1260, 0.3914,
0.3703

62.1260, 0.3914,
0.3703

54.9881, 0.4195,
0.3809

70.1191, 0.3664,
0.3591

48.6659, 0.4502,
0.3899

78.9874, 0.3447,
0.3480

43.1293, 0.4825,
0.3961

88.7615, 0.3259,
0.3372

38.3428, 0.5143,
0.3982

99.3507, 0.3109,
0.3289

■ 34.2669, 0.5432, 99.4394, 0.3109,
0.3950 0.3290

■ 30.8546, 0.5670,
0.3866

■ 30.2739, 0.5711,
0.3847

Harmonies

Analogous

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



62.1260, 0.3871, 0.3387



62.1260, 0.3914, 0.3703



62.1260, 0.3733, 0.3939

Triad

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



62.1260, 0.3914, 0.3703



62.1260, 0.2649, 0.3506



62.1260, 0.2829, 0.2663

Complementary

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



62.1260, 0.3914, 0.3703



61.6946, 0.2528, 0.2831

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.



62.1260, 0.2534, 0.2658



62.1260, 0.3914, 0.3703



62.1260, 0.2435, 0.3118

Square

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



62.1260, 0.3914, 0.3703



62.1260, 0.2996, 0.3848



62.1260, 0.2395, 0.2813



62.1260, 0.3222, 0.2812

Rectangle

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



62.1260, 0.3914, 0.3703



62.1260, 0.3519, 0.4008



62.1260, 0.2395, 0.2813



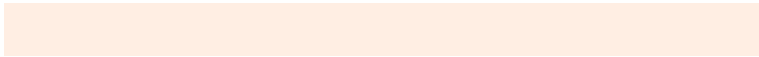
62.1260, 0.2716, 0.2645

Sweetspot

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



62.1289, 0.3914, 0.3703



88.1524, 0.3311, 0.3403



49.3098, 0.3506, 0.2696



18.5729, 0.3336, 0.3417



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.



62.1289, 0.3914, 0.3703



57.9284, 0.4134, 0.3788



86.8532, 0.3734, 0.4156



18.3827, 0.3284, 0.3387



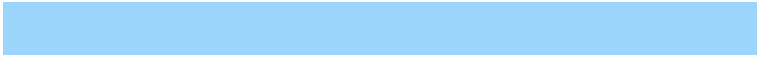
16.0387, 0.5681, 0.3871



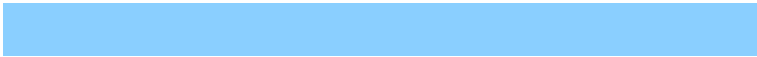
1.6877, 0.5465, 0.4043

Inverse Universe

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



61.6946, 0.2528, 0.2831



57.3960, 0.2408, 0.2717



41.2234, 0.2440, 0.2243



18.3569, 0.2980, 0.3191



15.2616, 0.1861, 0.1899



1.6216, 0.1912, 0.2082

Previews

White Background



This preview shows how the Yxy color 62.1260, 0.3914, 0.3703 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 62.1260, 0.3914, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

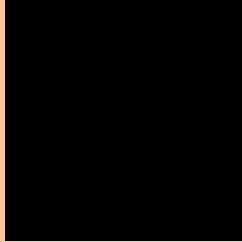
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1260, 0.3914, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 62.1260, 0.3914, 0.3703.



This preview shows how white text looks on a background with the Yxy color 62.1260, 0.3914, 0.3703.

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

62.1260, 0.3914, 0.3703

Protanopia

62.5710, 0.3574, 0.3819

Deuteranopia

61.9878, 0.3843, 0.3756



Tritanopia

61.9670, 0.3565, 0.3146

Trichromacy



Original Color

62.1260, 0.3914, 0.3703

Protanomaly

62.3709, 0.3693, 0.3782

Deuteranomaly

62.0732, 0.3872, 0.3741

Tritanomaly

61.8776, 0.3695, 0.3344

Monochromacy



Original Color

62.1260, 0.3914, 0.3703

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.2333, 0.3396, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1260, 0.3914, 0.3703 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, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 195, 156)  
}
```

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, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 195, 156) }
```

Border

The CSS property to change the border of an element to Yxy 62.1260, 0.3914, 0.3703 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, 195, 156) }
```

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

```
.border{ border-color:rgb(252, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 195,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1260, 0.3914, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 195, 156) }
```

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

```
.background{ background-color: rgb(252,  
195, 156) }
```

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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