

Converting Colors

Yxy(61.2357, 0.3922, 0.3683)

Have a look what the booklet for
Yxy(61.2357, 0.3922, 0.3683)
contains.

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Color

Yxy(61.2357, 0.3922, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	FCC19C
RGB	252, 193, 156
RGB Percent	99%, 76%, 61%
CMY	0.0118, 0.2431, 0.3884
CMYK	0.00, 0.23, 0.38, 0.01
HSL	23°, 94%, 80%
HSV	23°, 38%, 99%
XYZ	65.2095, 61.2357, 39.8207
YIQ	206.4230, 47.0410, 1.0010

Conversions

Conversions Part 2

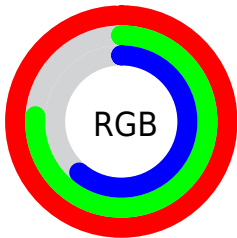
Format	Color
R _Y B	252, 216, 156
Decimal	16564636
CIE Lab	82.51, 16.40, 26.81
CIE LCh	83, 31.428, 58.552
Yxy	61.2357, 0.3922, 0.3683
Android (android.graphics.Color)	4294754716 (0xFFFC19C)
YUV	206.4230, -24.8585, 39.9710
Hunter-Lab	78.2532, 11.8032, 24.6064

Details

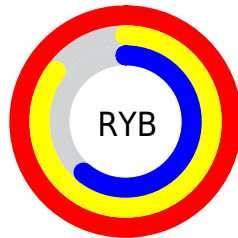
The Yxy color **61.2357, 0.3922, 0.3683** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.6619, 0.2531, 0.2855**, and the grayscale version is **62.1464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3344, 0.3396, 0.3674**, and **30.9340, 0.4134, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **53.9829, 0.4209, 0.3784**, and if you desaturate by 10%, it is **69.3875, 0.3669, 0.3577**.

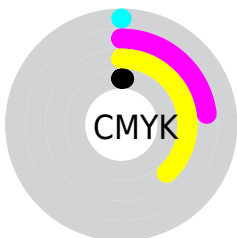
Distribution



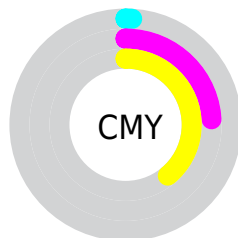
- Red (99%)
- Green (76%)
- Blue (61%)



- Red (99%)
- Yellow (85%)
- 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 61.2357, 0.3922, 0.3683 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 61.2357, 0.3922, 0.3683 by changing the saturation by 10% instead.

 61.2357, 0.3922,
0.3683


 61.2357, 0.3922,
0.3683

429.1377, 0.3541,
0.3509

 44.4154, 0.4011,
0.3720


 106.6201, 0.3788,
0.3625

 30.9972, 0.4123,
0.3764


 135.9531, 0.3736,
0.3601

 20.5967, 0.4265,
0.3816


170.2257, 0.3692,
0.3581

 12.8296, 0.4452,
0.3877

209.8224, 0.3653,
0.3563

 7.3113, 0.4705,
0.3947

255.1275, 0.3620,
0.3547

 3.6575, 0.5064,
0.4016

306.5255, 0.3590,

 1.4839, 0.5805,

0.3533

0.4195

364.4008, 0.3564,
0.3520

0.2774, 0.7053,
0.2947

0.0000, 0.0000,
0.0000

61.2357, 0.3922,
0.3683

61.2357, 0.3922,
0.3683

53.9829, 0.4209,
0.3784

69.3875, 0.3669,
0.3577

47.5873, 0.4524,
0.3869

78.4605, 0.3449,
0.3470

42.0166, 0.4856,
0.3926

88.4872, 0.3260,
0.3368

37.2326, 0.5185,
0.3942

99.3814, 0.3109,
0.3289

■ 33.1931, 0.5483,
0.3907

99.4327, 0.3109,
0.3290

■ 29.8480, 0.5726,
0.3820

■ 29.2836, 0.5769,
0.3802

Harmonies

Analogous

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



61.2357, 0.3862, 0.3364



61.2357, 0.3922, 0.3683



61.2357, 0.3755, 0.3929

Triad

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



61.2357, 0.3922, 0.3683



61.2357, 0.2668, 0.3536



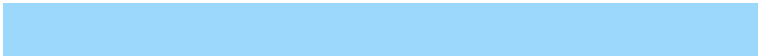
61.2357, 0.2801, 0.2656

Complementary

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



61.2357, 0.3922, 0.3683



62.6619, 0.2531, 0.2855

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.



61.2357, 0.2516, 0.2662



61.2357, 0.3922, 0.3683



61.2357, 0.2442, 0.3144

Square

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



61.2357, 0.3922, 0.3683



61.2357, 0.3024, 0.3869



61.2357, 0.2389, 0.2829



61.2357, 0.3192, 0.2795

Rectangle

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



61.2357, 0.3922, 0.3683



61.2357, 0.3546, 0.4007



61.2357, 0.2389, 0.2829



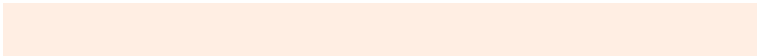
61.2357, 0.2691, 0.2640

Sweetspot

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



61.2386, 0.3922, 0.3683



87.8200, 0.3312, 0.3397



49.3747, 0.3491, 0.2680



18.4939, 0.3337, 0.3411



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.



61.2386, 0.3922, 0.3683



56.9361, 0.4147, 0.3764



85.8744, 0.3739, 0.4142



18.3232, 0.3284, 0.3382



15.5202, 0.5739, 0.3825



1.6359, 0.5517, 0.4001

Inverse Universe

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



62.6619, 0.2531, 0.2855



58.5635, 0.2414, 0.2747



41.7922, 0.2443, 0.2263



18.4181, 0.2980, 0.3196



16.1273, 0.1881, 0.1972



1.6990, 0.1930, 0.2146

Previews

White Background



This preview shows how the Yxy color 61.2357, 0.3922, 0.3683 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 61.2357, 0.3922, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

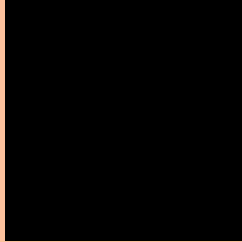
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2357, 0.3922, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 61.2357, 0.3922, 0.3683.



This preview shows how white text looks on a background with the Yxy color 61.2357, 0.3922, 0.3683.

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

61.2357, 0.3922, 0.3683

Protanopia

61.3313, 0.3556, 0.3789

Deuteranopia

61.1763, 0.3830, 0.3749



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

61.2357, 0.3922, 0.3683

Protanomaly

61.3003, 0.3683, 0.3751

Deuteranomaly

61.4392, 0.3867, 0.3732

Tritanomaly

60.9688, 0.3709, 0.3334

Monochromacy



Original Color

61.2357, 0.3922, 0.3683

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0921, 0.3399, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2357, 0.3922, 0.3683 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, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 193, 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, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 193, 156) }
```

Border

The CSS property to change the border of an element to Yxy 61.2357, 0.3922, 0.3683 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, 193, 156) }
```

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

```
.border{ border-color:rgb(252, 193, 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, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 193,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2357, 0.3922, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 193, 156) }
```

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

```
.background{ background-color: rgb(252,  
193, 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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