

Converting Colors

$Yxy(61.3549, 0.3549, 0.3155)$

Have a look what the booklet for
Yxy(61.3549, 0.3549, 0.3155)
contains.

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Color

Yxy(61.3549, 0.3549, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	FCBDCA
RGB	252, 189, 202
RGB Percent	99%, 74%, 79%
CMY	0.0116, 0.2589, 0.2077
CMYK	0.00, 0.25, 0.20, 0.01
HSL	348°, 91%, 86%
HSV	348°, 25%, 99%
XYZ	69.0170, 61.3549, 64.0969
YIQ	209.3190, 33.3750, 17.3990

Conversions

Conversions Part 2

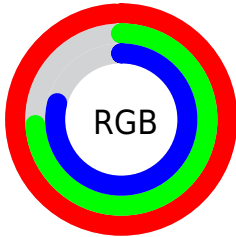
Format	Color
R _Y B	252, 189, 202
Decimal	16563658
CIE Lab	82.57, 24.54, 2.33
CIE LCh	83, 24.653, 5.419
Yxy	61.3549, 0.3549, 0.3155
Android (android.graphics.Color)	4294753738 (0xFFFCBDCA)
YUV	209.3190, -3.6083, 37.4312
Hunter-Lab	78.3294, 20.2021, 6.3136

Details

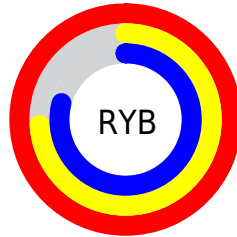
The Yxy color **61.3549, 0.3549, 0.3155** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.6973, 0.2825, 0.3431**, and the grayscale version is **63.9911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **30.9354, 0.3652, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **50.5548, 0.3790, 0.3098**, and if you desaturate by 10%, it is **74.1674, 0.3353, 0.3211**.

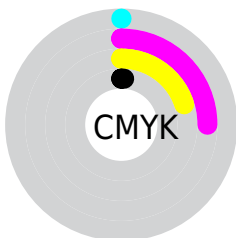
Distribution



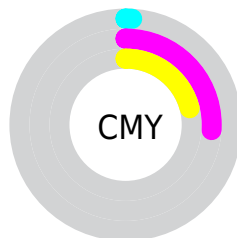
- Red (99%)
- Green (74%)
- Blue (79%)



- Red (99%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (1%)





- Cyan (1%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3549, 0.3549, 0.3155 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 61.3549, 0.3549, 0.3155 by changing the saturation by 10% instead.


 61.3549, 0.3549,
0.3155

 61.3549, 0.3549,
0.3155

429.5741, 0.3347,
0.3221

 44.5116, 0.3597,
0.3139


 106.7926, 0.3478,
0.3179

 31.0729, 0.3657,
0.3119


136.1559, 0.3450,
0.3187

 20.6544, 0.3735,
0.3093


170.4613, 0.3427,
0.3195

 12.8716, 0.3839,
0.3057

210.0932, 0.3407,
0.3202

 7.3402, 0.3985,
0.3007

255.4361, 0.3389,
0.3207

 3.6758, 0.4207,
0.2928


306.8742, 0.3373,

 1.4939, 0.4578,


0.3212

0.2792

364.7921, 0.3359,
0.3217


 0.2844, 0.6685,
0.2186


 0.0000, 0.0000,
0.0000

 61.3549, 0.3549,
0.3155


 61.3549, 0.3549,
0.3155


 50.5548, 0.3790,
0.3098


 74.1674, 0.3353,
0.3211

 41.6564, 0.4083,
0.3045

 89.0787, 0.3195,
0.3265

 34.5514, 0.4429,
0.3001

 99.4436, 0.3109,
0.3290

 29.1171, 0.4821,
0.2975

■ 25.2151, 0.5237,
0.2978

■ 22.6847, 0.5635,
0.3017

■ 21.3289, 0.5965,
0.3090

■ 20.9526, 0.6097,
0.3132

Harmonies

Analogous

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



61.3549, 0.3255, 0.2935



61.3549, 0.3549, 0.3155



61.3549, 0.3728, 0.3415

Triad

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



61.3549, 0.3549, 0.3155



61.3549, 0.3294, 0.3840



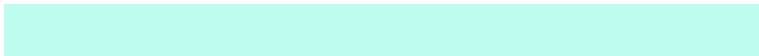
61.3549, 0.2551, 0.2888

Complementary

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



61.3549, 0.3549, 0.3155



86.6973, 0.2825, 0.3431

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.



61.3549, 0.2561, 0.3116



61.3549, 0.3549, 0.3155



61.3549, 0.2980, 0.3688

Square

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



61.3549, 0.3549, 0.3155



61.3549, 0.3573, 0.3821



61.3549, 0.2714, 0.3414



61.3549, 0.2685, 0.2779

Rectangle

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



61.3549, 0.3549, 0.3155



61.3549, 0.3753, 0.3583



61.3549, 0.2714, 0.3414



61.3549, 0.2538, 0.2952

Sweetspot

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



61.3577, 0.3549, 0.3155



86.6691, 0.3238, 0.3249



61.6629, 0.3053, 0.2645



18.0485, 0.3262, 0.3241



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.



61.3577, 0.3549, 0.3155



57.2096, 0.3663, 0.3127



68.9308, 0.3613, 0.3478



17.2839, 0.3261, 0.3241



10.9271, 0.6060, 0.3112



1.0266, 0.5742, 0.2937

Inverse Universe

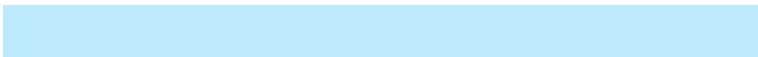
The Inverse Universe completely reimagines the original color for something new.



61.3577, 0.3549, 0.3155



57.2096, 0.3663, 0.3127



76.7944, 0.2741, 0.3094



17.2839, 0.3261, 0.3241



10.9271, 0.6060, 0.3112



1.0266, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 61.3549, 0.3549, 0.3155 looks on a white background.

Color Contrast Check

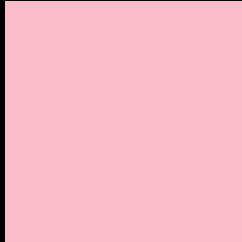
Large Text (above 18pt) WCAG AA × Fail

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 61.3549, 0.3549, 0.3155 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 61.3549, 0.3549, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 61.3549, 0.3549, 0.3155.



This preview shows how white text looks on a background with the Yxy color 61.3549, 0.3549, 0.3155.

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

61.3549, 0.3549, 0.3155

Protanopia

61.7757, 0.3108, 0.3221

Deuteranopia

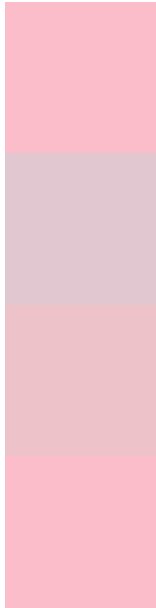
61.5110, 0.3351, 0.3280



Tritanopia

61.4024, 0.3540, 0.3145

Trichromacy



Original Color

61.3549, 0.3549, 0.3155

Protanomaly

61.2482, 0.3258, 0.3190

Deuteranomaly

61.2518, 0.3422, 0.3226

Tritanomaly

61.4024, 0.3540, 0.3145

Monochromacy



Original Color

61.3549, 0.3549, 0.3155

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7048, 0.3277, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3549, 0.3549, 0.3155 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, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 189, 202)  
}
```

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, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 189, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.3549, 0.3549, 0.3155 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, 189, 202) }
```

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

```
.border{ border-color:rgb(252, 189, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 189, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 189,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3549, 0.3549, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 189, 202) }
```

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

```
.background{ background-color: rgb(252,  
189, 202) }
```

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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