

Converting Colors

$Yxy(61.4499, 0.3585, 0.3202)$

Have a look what the booklet for
Yxy(61.4499, 0.3585, 0.3202)
contains.

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Color

Yxy(61.1679, 0.3582, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	FCBDC6
RGB	252, 189, 198
RGB Percent	99%, 74%, 78%
CMY	0.0118, 0.2588, 0.2235
CMYK	0.00, 0.25, 0.21, 0.01
HSL	351°, 91%, 86%
HSV	351°, 25%, 99%
XYZ	68.5341, 61.1679, 61.6271
YIQ	208.8630, 34.6590, 16.1550

Conversions

Conversions Part 2

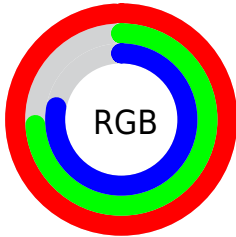
Format	Color
R _Y B	252, 189, 198
Decimal	16563654
CIE Lab	82.47, 23.92, 4.34
CIE LCh	82, 24.314, 10.274
Yxy	61.1679, 0.3582, 0.3197
Android (android.graphics.Color)	4294753734 (0xFFFCBDC6)
YUV	208.8630, -5.3555, 37.8311
Hunter-Lab	78.2099, 19.5493, 8.0282

Details

The Yxy color **61.1679, 0.3582, 0.3197** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9057, 0.2804, 0.3386**, and the grayscale version is **63.6871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **30.8109, 0.3698, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **50.3278, 0.3844, 0.3158**, and if you desaturate by 10%, it is **74.0391, 0.3370, 0.3236**.

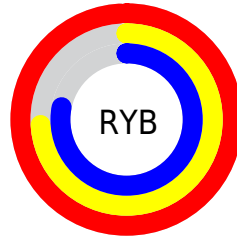
Distribution



Red (99%)

Green (74%)

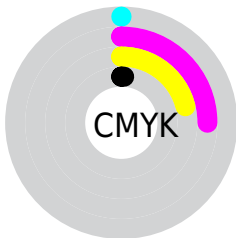
Blue (78%)



Red (99%)

Yellow (74%)

Blue (78%)

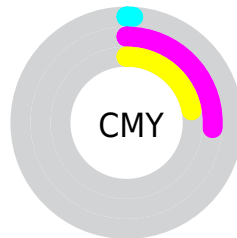


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1679, 0.3582, 0.3197 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 61.1679, 0.3582, 0.3197 by changing the saturation by 10% instead.

 61.1679, 0.3582,
0.3197

 61.1679, 0.3582,
0.3197


428.8894, 0.3364,
0.3244

 44.3607, 0.3634,
0.3185

 106.5220, 0.3505,
0.3214

 30.9542, 0.3699,
0.3170


135.8377, 0.3475,
0.3220

 20.5639, 0.3783,
0.3151


170.0916, 0.3450,
0.3226

 12.8056, 0.3897,
0.3123

209.6683, 0.3428,
0.3230

 7.2948, 0.4056,
0.3083

254.9519, 0.3409,
0.3234

 3.6472, 0.4298,
0.3018


306.3271, 0.3392,

 1.4782, 0.4705,


0.3238


0.2901

364.1781, 0.3377,
0.3241


 0.2733, 0.7553,
0.2447


 0.0000, 0.0000,
0.0000


 61.1679, 0.3582,
0.3197

 61.1679, 0.3582,
0.3197


 50.3278, 0.3844,
0.3158

 74.0391, 0.3370,
0.3236

 41.4070, 0.4163,
0.3122

 89.0289, 0.3199,
0.3273

 34.2957, 0.4540,
0.3093

 99.4338, 0.3109,
0.3290

 28.8697, 0.4965,
0.3079

■ 24.9890, 0.5407,
0.3087

■ 22.4908, 0.5814,
0.3122

■ 21.1758, 0.6127,
0.3181

■ 20.8213, 0.6240,
0.3211

Harmonies

Analogous

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



61.1679, 0.3304, 0.2970



61.1679, 0.3582, 0.3197



61.1679, 0.3734, 0.3455

Triad

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



61.1679, 0.3582, 0.3197



61.1679, 0.3242, 0.3819



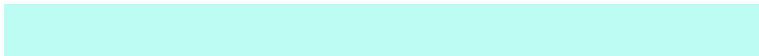
61.1679, 0.2570, 0.2867

Complementary

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



61.1679, 0.3582, 0.3197



86.9057, 0.2804, 0.3386

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.



61.1679, 0.2557, 0.3076



61.1679, 0.3582, 0.3197



61.1679, 0.2934, 0.3645

Square

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



61.1679, 0.3582, 0.3197



61.1679, 0.3528, 0.3829



61.1679, 0.2686, 0.3364



61.1679, 0.2724, 0.2780

Rectangle

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



61.1679, 0.3582, 0.3197



61.1679, 0.3739, 0.3617



61.1679, 0.2686, 0.3364



61.1679, 0.2549, 0.2924

Sweetspot

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



61.1707, 0.3582, 0.3197



88.1888, 0.3231, 0.3265



62.4005, 0.3085, 0.2652



18.6692, 0.3240, 0.3263



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.



61.1707, 0.3582, 0.3197



56.9932, 0.3707, 0.3177



70.9832, 0.3602, 0.3520



17.2656, 0.3271, 0.3256



10.8595, 0.6211, 0.3195



1.0176, 0.5933, 0.3042

Inverse Universe

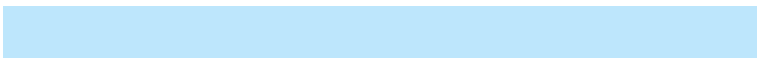
The Inverse Universe completely reimagines the original color for something new.



61.1707, 0.3582, 0.3197



56.9932, 0.3707, 0.3177



74.4122, 0.2737, 0.3047



17.2656, 0.3271, 0.3256



10.8595, 0.6211, 0.3195



1.0176, 0.5933, 0.3042

Previews

White Background



This preview shows how the Yxy color 61.1679, 0.3582, 0.3197 looks on a white background.

Color Contrast Check

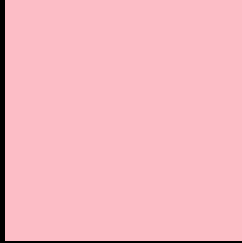
Large Text (above 18pt) WCAG AA × Fail

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 61.1679, 0.3582, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

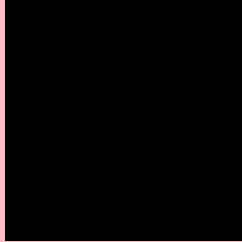
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1679, 0.3582, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 61.1679, 0.3582, 0.3197.

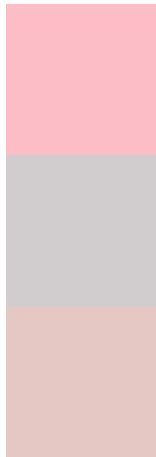


This preview shows how white text looks on a background with the Yxy color 61.1679, 0.3582, 0.3197.

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

61.1679, 0.3582, 0.3197

Protanopia

61.7229, 0.3143, 0.3267

Deuteranopia

61.4904, 0.3390, 0.3324



Tritanopia

61.1609, 0.3551, 0.3135

Trichromacy



Original Color

61.1679, 0.3582, 0.3197

Protanomaly

61.2140, 0.3296, 0.3235

Deuteranomaly

61.0660, 0.3454, 0.3269

Tritanomaly

61.0661, 0.3568, 0.3156

Monochromacy



Original Color

61.1679, 0.3582, 0.3197

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6564, 0.3285, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1679, 0.3582, 0.3197 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 189, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 189, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.1679, 0.3582, 0.3197 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, 198) }
```

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

```
.border{ border-color:rgb(252, 189, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 189, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 189, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 189,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1679, 0.3582, 0.3197 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, 198) }
```

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

```
.background{ background-color: rgb(252,  
189, 198) }
```

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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