

Converting Colors

$Yxy(61.4880, 0.3610, 0.3252)$

Have a look what the booklet for
Yxy(61.4880, 0.3610, 0.3252)
contains.

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Color

Yxy(61.4174, 0.3613, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	FCBEC2
RGB	252, 190, 194
RGB Percent	99%, 75%, 76%
CMY	0.0118, 0.2549, 0.2390
CMYK	0.00, 0.25, 0.23, 0.01
HSL	356°, 91%, 87%
HSV	356°, 25%, 99%
XYZ	68.2983, 61.4174, 59.3191
YIQ	208.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

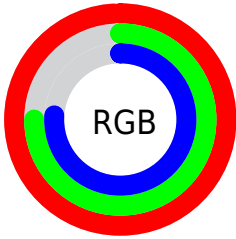
Format	Color
R _Y B	252, 190, 194
Decimal	16563906
CIE Lab	82.60, 22.83, 6.66
CIE LCh	83, 23.784, 16.258
Yxy	61.4174, 0.3613, 0.3249
Android (android.graphics.Color)	4294753986 (0xFFFCBEC2)
YUV	208.9940, -7.3920, 37.7163
Hunter-Lab	78.3693, 18.4153, 9.9808

Details

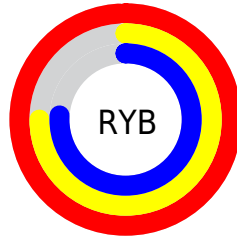
The Yxy color **61.4174, 0.3613, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3398, 0.2784, 0.3332**, and the grayscale version is **63.7911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6837, 0.3160, 0.3261**, and **30.9711, 0.3741, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **50.4551, 0.3899, 0.3232**, and if you desaturate by 10%, it is **74.4403, 0.3383, 0.3266**.

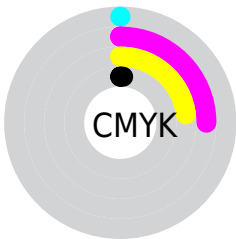
Distribution



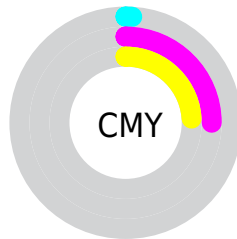
- Red (99%)
- Green (75%)
- Blue (76%)



- Red (99%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4174, 0.3613, 0.3249 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 61.4174, 0.3613, 0.3249 by changing the saturation by 10% instead.


 61.4174, 0.3613,
0.3249

 61.4174, 0.3613,
0.3249

429.8028, 0.3380,
0.3272

 44.5621, 0.3669,
0.3243

 106.8831, 0.3530,
0.3258

 31.1127, 0.3738,
0.3234


136.2622, 0.3499,
0.3261

 20.6847, 0.3829,
0.3222


170.5848, 0.3472,
0.3264

 12.8937, 0.3950,
0.3205

210.2352, 0.3448,
0.3266

 7.3554, 0.4121,
0.3179

255.5978, 0.3428,
0.3268

 3.6853, 0.4380,
0.3133


307.0570, 0.3410,

 1.4991, 0.4814,


0.3269


0.3042


364.9972, 0.3394,
0.3271


 0.2881, 0.7426,
0.2574


 0.0000, 0.0000,
0.0000


 61.4174, 0.3613,
0.3249


 61.4174, 0.3613,
0.3249


 50.4551, 0.3899,
0.3232


 74.4403, 0.3383,
0.3266

 41.4399, 0.4247,
0.3216

 89.6127, 0.3199,
0.3283

 34.2603, 0.4658,
0.3204

 99.4345, 0.3109,
0.3290

 28.7901, 0.5116,
0.3201

■ 24.8874, 0.5580,
0.3208

■ 22.3872, 0.5984,
0.3228

■ 21.0875, 0.6261,
0.3259

■ 20.7332, 0.6351,
0.3272

Harmonies

Analogous

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



61.4174, 0.3361, 0.3017



61.4174, 0.3613, 0.3249



61.4174, 0.3729, 0.3501

Triad

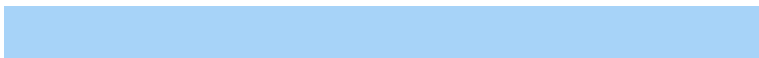
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.4174, 0.3613, 0.3249



61.4174, 0.3178, 0.3785



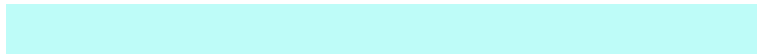
61.4174, 0.2602, 0.2850

Complementary

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



61.4174, 0.3613, 0.3249



87.3398, 0.2784, 0.3332

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.



61.4174, 0.2560, 0.3032



61.4174, 0.3613, 0.3249



61.4174, 0.2883, 0.3587

Square

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



61.4174, 0.3613, 0.3249



61.4174, 0.3469, 0.3827



61.4174, 0.2660, 0.3303



61.4174, 0.2778, 0.2789

Rectangle

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



61.4174, 0.3613, 0.3249



61.4174, 0.3711, 0.3652



61.4174, 0.2660, 0.3303



61.4174, 0.2572, 0.2898

Sweetspot

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



61.4202, 0.3613, 0.3249



88.1067, 0.3240, 0.3279



63.7880, 0.3125, 0.2670



18.6503, 0.3250, 0.3278



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.



61.4202, 0.3613, 0.3249



56.7393, 0.3760, 0.3240



73.9695, 0.3581, 0.3569



17.2435, 0.3284, 0.3275



10.8078, 0.6333, 0.3263



1.0072, 0.6176, 0.3176

Inverse Universe

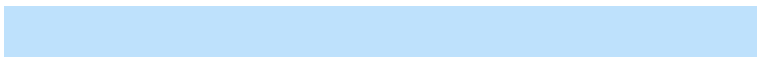
The Inverse Universe completely reimagines the original color for something new.



61.4202, 0.3613, 0.3249



56.7393, 0.3760, 0.3240



71.8976, 0.2738, 0.2994



17.2435, 0.3284, 0.3275



10.8078, 0.6333, 0.3263



1.0072, 0.6176, 0.3176

Previews

White Background



This preview shows how the Yxy color 61.4174, 0.3613, 0.3249 looks on a white background.

Color Contrast Check

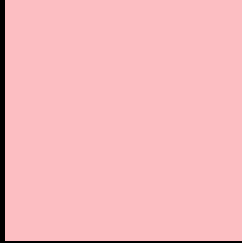
Large Text (above 18pt) WCAG AA × Fail

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 61.4174, 0.3613, 0.3249 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 61.4174, 0.3613, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 61.4174, 0.3613, 0.3249.

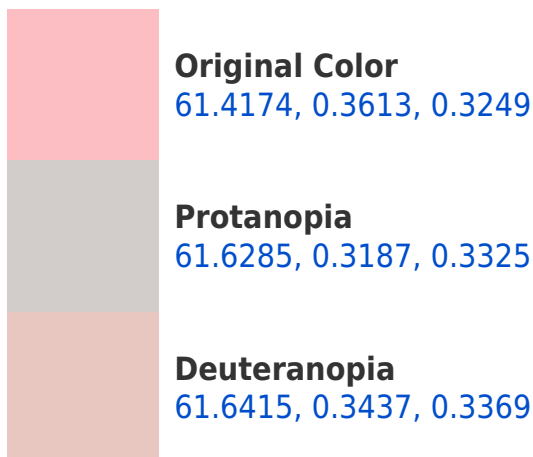


This preview shows how white text looks on a background with the Yxy color 61.4174, 0.3613, 0.3249.

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

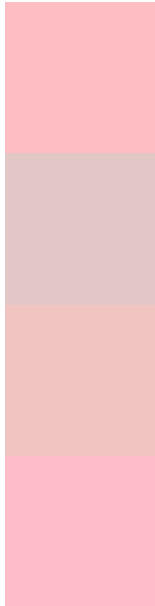




Tritanopia

61.5896, 0.3549, 0.3146

Trichromacy



Original Color

61.4174, 0.3613, 0.3249

Protanomaly

61.4396, 0.3333, 0.3302

Deuteranomaly

61.6808, 0.3501, 0.3324

Tritanomaly

61.4480, 0.3574, 0.3177

Monochromacy



Original Color

61.4174, 0.3613, 0.3249

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6082, 0.3292, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4174, 0.3613, 0.3249 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, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 190, 194)  
}
```

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, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 61.4174, 0.3613, 0.3249 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, 190, 194) }
```

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

```
.border{ border-color:rgb(252, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4174, 0.3613, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 190, 194) }
```

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

```
.background{ background-color: rgb(252,  
190, 194) }
```

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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