

Converting Colors

Yxy(61.7327, 0.3459, 0.3174)

Have a look what the booklet for
Yxy(61.7327, 0.3459, 0.3174)
contains.

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Color

Yxy(61.7327, 0.3459, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	F4C1CC
RGB	244, 193, 204
RGB Percent	96%, 76%, 80%
CMY	0.0431, 0.2431, 0.2001
CMYK	0.00, 0.21, 0.16, 0.04
HSL	347°, 70%, 86%
HSV	347°, 21%, 96%
XYZ	67.2758, 61.7327, 65.4865
YIQ	209.5030, 26.8650, 14.2330

Conversions

Conversions Part 2

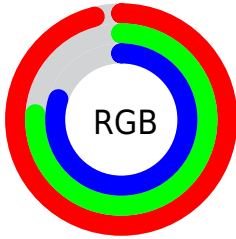
Format	Color
R_{YB}	244, 193, 204
Decimal	16040396
CIE _{Lab}	82.77, 19.86, 1.47
CIE _{LCh}	83, 19.916, 4.244
Yxy	61.7327, 0.3459, 0.3174
Android (android.graphics.Color)	4294230476 (0xFFFF4C1CC)
YUV	209.5030, -2.7130, 30.2539
Hunter-Lab	78.5702, 15.3431, 5.5822

Details

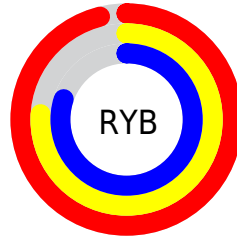
The Yxy color **61.7327, 0.3459, 0.3174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9249, 0.2874, 0.3410**, and the grayscale version is **64.1124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.2320, 0.3541, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **50.9593, 0.3678, 0.3115**, and if you desaturate by 10%, it is **74.4043, 0.3282, 0.3231**.

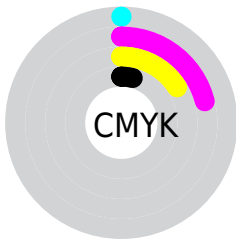
Distribution



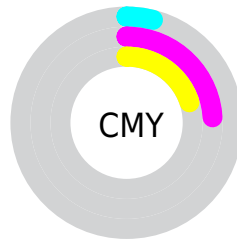
- Red (96%)
- Green (76%)
- Blue (80%)



- Red (96%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7327, 0.3459, 0.3174 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 61.7327, 0.3459, 0.3174 by changing the saturation by 10% instead.


 61.7327, 0.3459,
0.3174

 61.7327, 0.3459,
0.3174

430.9554, 0.3300,
0.3230

 44.8167, 0.3497,
0.3161


 107.3391, 0.3403,
0.3194

 31.3131, 0.3544,
0.3144


136.7984, 0.3381,
0.3202

 20.8374, 0.3604,
0.3122


171.2075, 0.3363,
0.3208

 13.0052, 0.3686,
0.3092

210.9509, 0.3347,
0.3214

 7.4321, 0.3801,
0.3050

256.4131, 0.3333,
0.3219

 3.7338, 0.3974,
0.2985

307.9782, 0.3321,

 1.5258, 0.4266,

0.3223

0.2875

366.0309, 0.3310,
0.3227

0.3068, 0.5908,
0.2334

0.0000, 0.0000,
0.0000

61.7327, 0.3459,
0.3174

61.7327, 0.3459,
0.3174

50.9593, 0.3678,
0.3115

74.4043, 0.3282,
0.3231

41.9845, 0.3944,
0.3057

89.0508, 0.3139,
0.3285

34.7122, 0.4264,
0.3006

97.9733, 0.3060,
0.3290

29.0339, 0.4633,
0.2970

■ 24.8287, 0.5038,
0.2958

■ 21.9580, 0.5445,
0.2980

■ 20.2566, 0.5810,
0.3041

■ 19.4860, 0.6071,
0.3118

Harmonies

Analogous

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



61.7327, 0.3222, 0.2995



61.7327, 0.3459, 0.3174



61.7327, 0.3607, 0.3387

Triad

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



61.7327, 0.3459, 0.3174



61.7327, 0.3274, 0.3731



61.7327, 0.2657, 0.2973

Complementary

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



61.7327, 0.3459, 0.3174



81.9249, 0.2874, 0.3410

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.



61.7327, 0.2670, 0.3162



61.7327, 0.3459, 0.3174



61.7327, 0.3019, 0.3615

Square

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



61.7327, 0.3459, 0.3174



61.7327, 0.3495, 0.3716



61.7327, 0.2800, 0.3400



61.7327, 0.2763, 0.2877

Rectangle

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



61.7327, 0.3459, 0.3174



61.7327, 0.3631, 0.3524



61.7327, 0.2800, 0.3400



61.7327, 0.2647, 0.3027

Sweetspot

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



61.7355, 0.3459, 0.3174



89.8744, 0.3208, 0.3258



61.9906, 0.3068, 0.2756



19.0114, 0.3217, 0.3255



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.



61.7355, 0.3459, 0.3174



63.0373, 0.3544, 0.3150



67.9307, 0.3517, 0.3445



16.5409, 0.3260, 0.3239



10.6116, 0.6034, 0.3098



0.9472, 0.5695, 0.2911

Inverse Universe

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



61.7355, 0.3459, 0.3174



63.0373, 0.3544, 0.3150



74.2152, 0.2804, 0.3130



16.5409, 0.3260, 0.3239



10.6116, 0.6034, 0.3098



0.9472, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 61.7327, 0.3459, 0.3174 looks on a white background.

Color Contrast Check

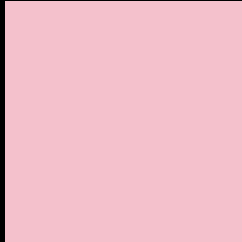
Large Text (above 18pt) WCAG AA × Fail

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 61.7327, 0.3459, 0.3174 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 61.7327, 0.3459, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 61.7327, 0.3459, 0.3174.



This preview shows how white text looks on a background with the Yxy color 61.7327, 0.3459, 0.3174.

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

61.7327, 0.3459, 0.3174

Protanopia

61.9211, 0.3115, 0.3221

Deuteranopia

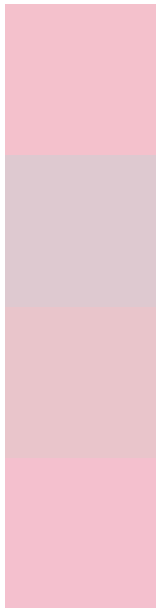
61.9512, 0.3318, 0.3257



Tritanopia

61.4374, 0.3436, 0.3131

Trichromacy



Original Color

61.7327, 0.3459, 0.3174

Protanomaly

61.8570, 0.3240, 0.3212

Deuteranomaly

61.5679, 0.3371, 0.3225

Tritanomaly

61.3886, 0.3444, 0.3142

Monochromacy



Original Color

61.7327, 0.3459, 0.3174

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.2694, 0.3237, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7327, 0.3459, 0.3174 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(244, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(244, 193, 204)  
}
```

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(244, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 193, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.7327, 0.3459, 0.3174 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(244, 193, 204) }
```

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

```
.border{ border-color:rgb(244, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(244, 193,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7327, 0.3459, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 193, 204) }
```

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

```
.background{ background-color: rgb(244,  
193, 204) }
```

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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