

Converting Colors

Yxy(61.3846, 0.3352, 0.3161)

Have a look what the booklet for
Yxy(61.3846, 0.3352, 0.3161)
contains.

Yxy(61.1974, 0.3359, 0.3160)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.1974, 0.3359, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	EBC3CF
RGB	235, 195, 207
RGB Percent	92%, 76%, 81%
CMY	0.0782, 0.2353, 0.1882
CMYK	0.00, 0.17, 0.12, 0.08
HSL	342°, 50%, 84%
HSV	342°, 17%, 92%
XYZ	65.0513, 61.1974, 67.4140
YIQ	208.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

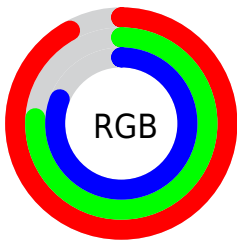
Format	Color
R _Y B	235, 195, 207
Decimal	15451087
CIE Lab	82.48, 16.13, -0.66
CIE LCh	82, 16.142, 357.656
Yxy	61.1974, 0.3359, 0.3160
Android (android.graphics.Color)	4293641167 (0xFFEBC3CF)
YUV	208.3280, -0.6547, 23.3913
Hunter-Lab	78.2288, 11.5317, 3.6667

Details

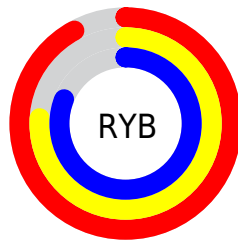
The Yxy color **61.1974, 0.3359, 0.3160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3775, 0.2939, 0.3424**, and the grayscale version is **63.2994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.9334, 0.3417, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **50.7204, 0.3538, 0.3079**, and if you desaturate by 10%, it is **73.4217, 0.3213, 0.3238**.

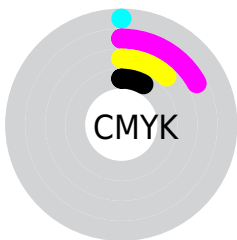
Distribution



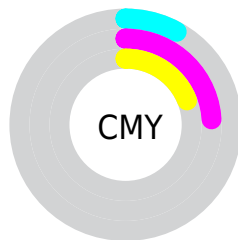
- Red (92%)
- Green (76%)
- Blue (81%)



- Red (92%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1974, 0.3359, 0.3160 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 61.1974, 0.3359, 0.3160 by changing the saturation by 10% instead.


 61.1974, 0.3359,
0.3160

 61.1974, 0.3359,
0.3160


428.9974, 0.3248,
0.3222

 44.3845, 0.3385,
0.3145


 106.5647, 0.3320,
0.3182

 30.9729, 0.3418,
0.3127


135.8879, 0.3305,
0.3190

 20.5782, 0.3460,
0.3104


170.1500, 0.3292,
0.3197

 12.8160, 0.3517,
0.3072

209.7353, 0.3281,
0.3204

 7.3020, 0.3597,
0.3028

255.0283, 0.3271,
0.3209

 3.6517, 0.3718,
0.2961

306.4134, 0.3263,

 1.4807, 0.3922,

0.3214

0.2849

364.2750, 0.3255,
0.3218

0.2751, 0.5135,
0.2156

0.0000, 0.0000,
0.0000

61.1974, 0.3359,
0.3160

61.1974, 0.3359,
0.3160

50.7204, 0.3538,
0.3079

73.4217, 0.3213,
0.3238

41.9026, 0.3756,
0.2997

87.4597, 0.3095,
0.3311

34.6604, 0.4017,
0.2920

96.4113, 0.3006,
0.3290

28.8999, 0.4324,
0.2856

■ 24.5168, 0.4669,
0.2816

■ 21.3934, 0.5036,
0.2812

■ 19.3918, 0.5397,
0.2854

■ 18.3347, 0.5716,
0.2941

■ 18.1195, 0.5801,
0.2969

Harmonies

Analogous

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



61.1974, 0.3159, 0.3022



61.1974, 0.3359, 0.3160



61.1974, 0.3498, 0.3333

Triad

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



61.1974, 0.3359, 0.3160



61.1974, 0.3292, 0.3653



61.1974, 0.2736, 0.3061

Complementary

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



61.1974, 0.3359, 0.3160



76.3775, 0.2939, 0.3424

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.



61.1974, 0.2769, 0.3229



61.1974, 0.3359, 0.3160



61.1974, 0.3086, 0.3581

Square

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



61.1974, 0.3359, 0.3160



61.1974, 0.3457, 0.3621



61.1974, 0.2896, 0.3422



61.1974, 0.2803, 0.2962

Rectangle

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



61.1974, 0.3359, 0.3160



61.1974, 0.3535, 0.3448



61.1974, 0.2896, 0.3422



61.1974, 0.2736, 0.3111

Sweetspot

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



61.2001, 0.3359, 0.3160



91.5715, 0.3187, 0.3253



60.7184, 0.3055, 0.2856



19.3561, 0.3196, 0.3248



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.



61.2001, 0.3359, 0.3160



69.5756, 0.3410, 0.3136



64.3224, 0.3439, 0.3378



15.1284, 0.3246, 0.3220



10.0988, 0.5760, 0.2947



0.8095, 0.5366, 0.2730

Inverse Universe

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



61.2001, 0.3359, 0.3160



69.5756, 0.3410, 0.3136



72.5616, 0.2866, 0.3200



15.1284, 0.3246, 0.3220



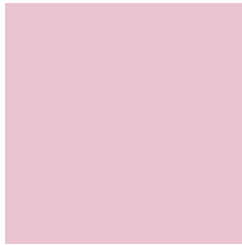
10.0988, 0.5760, 0.2947



0.8095, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 61.1974, 0.3359, 0.3160 looks on a white background.

Color Contrast Check

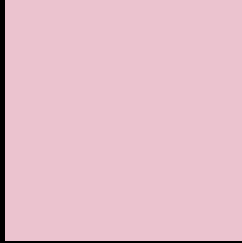
Large Text (above 18pt) WCAG AA × Fail

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 61.1974, 0.3359, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

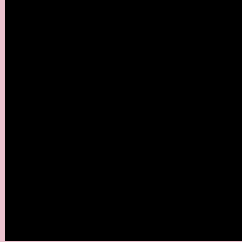
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1974, 0.3359, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 61.1974, 0.3359, 0.3160.



This preview shows how white text looks on a background with the Yxy color 61.1974, 0.3359, 0.3160.

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

61.1974, 0.3359, 0.3160

Protanopia

61.2046, 0.3094, 0.3198

Deuteranopia

61.3106, 0.3281, 0.3212



Tritanopia

61.3455, 0.3335, 0.3128

Trichromacy



Original Color

61.1974, 0.3359, 0.3160

Protanomaly

61.1781, 0.3186, 0.3188

Deuteranomaly

61.5024, 0.3314, 0.3202

Tritanomaly

61.2958, 0.3343, 0.3139

Monochromacy



Original Color

61.1974, 0.3359, 0.3160

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1714, 0.3207, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1974, 0.3359, 0.3160 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(235, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 195, 207)  
}
```

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(235, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 195, 207) }
```

Border

The CSS property to change the border of an element to Yxy 61.1974, 0.3359, 0.3160 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(235, 195, 207) }
```

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

```
.border{ border-color:rgb(235, 195, 207) }
```

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

Here you see how a box with a 4 pixel rgb(235, 195, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 195,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1974, 0.3359, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 195, 207) }
```

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

```
.background{ background-color: rgb(235,  
195, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor