

Converting Colors

Yxy(61.3768, 0.3442, 0.3173)

Have a look what the booklet for
Yxy(61.3768, 0.3442, 0.3173)
contains.

Yxy(61.3768, 0.3442, 0.3173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.3768, 0.3442, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	F2C1CC
RGB	242, 193, 204
RGB Percent	95%, 76%, 80%
CMY	0.0511, 0.2431, 0.1999
CMYK	0.00, 0.20, 0.16, 0.05
HSL	347°, 65%, 85%
HSV	347°, 20%, 95%
XYZ	66.5802, 61.3768, 65.4776
YIQ	208.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

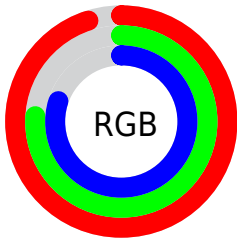
Format	Color
R_{YB}	242, 193, 204
Decimal	15909324
CIE _{Lab}	82.58, 19.14, 1.15
CIE _{LCh}	83, 19.174, 3.449
Yxy	61.3768, 0.3442, 0.3173
Android (android.graphics.Color)	4294099404 (0xFFFF2C1CC)
YUV	208.9050, -2.4182, 29.0243
Hunter-Lab	78.3433, 14.5976, 5.2871

Details

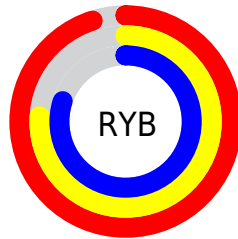
The Yxy color **61.3768, 0.3442, 0.3173** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5912, 0.2885, 0.3411**, and the grayscale version is **63.6997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.9815, 0.3519, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **50.6946, 0.3655, 0.3111**, and if you desaturate by 10%, it is **73.9232, 0.3269, 0.3233**.

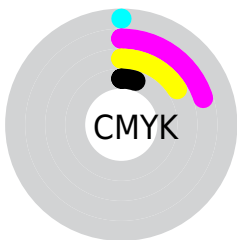
Distribution



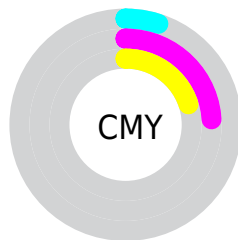
- Red (95%)
- Green (76%)
- Blue (80%)



- Red (95%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3768, 0.3442, 0.3173 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 61.3768, 0.3442, 0.3173 by changing the saturation by 10% instead.

 61.3768, 0.3442,
0.3173

 61.3768, 0.3442,
0.3173

429.6542, 0.3291,
0.3229

 44.5293, 0.3478,
0.3160


 106.8243, 0.3389,
0.3193

 31.0869, 0.3522,
0.3143


136.1932, 0.3368,
0.3201

 20.6650, 0.3580,
0.3121


170.5046, 0.3351,
0.3207

 12.8793, 0.3658,
0.3091

210.1430, 0.3336,
0.3213

 7.3455, 0.3767,
0.3049

255.4928, 0.3323,
0.3218

 3.6791, 0.3933,
0.2984


306.9383, 0.3311,

 1.4957, 0.4212,


0.3222


0.2874


364.8640, 0.3301,
0.3226


 0.2857, 0.5887,
0.2277

 0.0000, 0.0000,
0.0000


 61.3768, 0.3442,
0.3173


 61.3768, 0.3442,
0.3173


 50.6946, 0.3655,
0.3111


 73.9232, 0.3269,
0.3233

 41.7793, 0.3914,
0.3051

 88.4082, 0.3130,
0.3289

 34.5376, 0.4226,
0.2997

 97.6113, 0.3047,
0.3290

 28.8641, 0.4587,
0.2957

■ 24.6414, 0.4984,
0.2942

■ 21.7356, 0.5389,
0.2961

■ 19.9872, 0.5757,
0.3019

■ 19.1414, 0.6043,
0.3103

Harmonies

Analogous

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



61.3768, 0.3212, 0.3001



61.3768, 0.3442, 0.3173



61.3768, 0.3588, 0.3378

Triad

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



61.3768, 0.3442, 0.3173



61.3768, 0.3275, 0.3717



61.3768, 0.2671, 0.2988

Complementary

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



61.3768, 0.3442, 0.3173



80.5912, 0.2885, 0.3411

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.



61.3768, 0.2688, 0.3173



61.3768, 0.3442, 0.3173



61.3768, 0.3030, 0.3607

Square

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



61.3768, 0.3442, 0.3173



61.3768, 0.3487, 0.3699



61.3768, 0.2816, 0.3403



61.3768, 0.2771, 0.2892

Rectangle

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



61.3768, 0.3442, 0.3173



61.3768, 0.3614, 0.3511



61.3768, 0.2816, 0.3403



61.3768, 0.2664, 0.3041

Sweetspot

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



61.3796, 0.3442, 0.3173



89.8832, 0.3207, 0.3257



61.4697, 0.3064, 0.2773



19.0135, 0.3216, 0.3253



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.



61.3796, 0.3442, 0.3173



64.2870, 0.3518, 0.3149



66.8988, 0.3504, 0.3431



15.8170, 0.3258, 0.3237



10.3031, 0.6005, 0.3082



0.8717, 0.5643, 0.2882

Inverse Universe

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



61.3796, 0.3442, 0.3173



64.2870, 0.3518, 0.3149



73.7391, 0.2815, 0.3145



15.8170, 0.3258, 0.3237



10.3031, 0.6005, 0.3082



0.8717, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 61.3768, 0.3442, 0.3173 looks on a white background.

Color Contrast Check

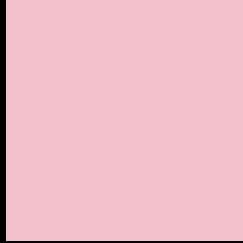
Large Text (above 18pt) WCAG AA × Fail

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 61.3768, 0.3442, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

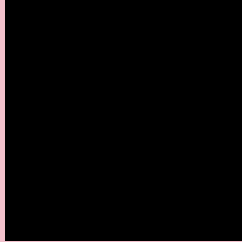
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3768, 0.3442, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 61.3768, 0.3442, 0.3173.



This preview shows how white text looks on a background with the Yxy color 61.3768, 0.3442, 0.3173.

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

61.3768, 0.3442, 0.3173

Protanopia

61.7757, 0.3108, 0.3221

Deuteranopia

61.4895, 0.3320, 0.3246



Tritanopia

61.0815, 0.3420, 0.3131

Trichromacy



Original Color

61.3768, 0.3442, 0.3173

Protanomaly

61.5430, 0.3224, 0.3212

Deuteranomaly

61.4001, 0.3363, 0.3225

Tritanomaly

61.0328, 0.3428, 0.3141

Monochromacy



Original Color

61.3768, 0.3442, 0.3173

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.5890, 0.3238, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3768, 0.3442, 0.3173 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(242, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.3768, 0.3442, 0.3173 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(242, 193, 204) }
```

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

```
.border{ border-color:rgb(242, 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(242, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 193,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3768, 0.3442, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 193, 204) }
```

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

```
.background{ background-color: rgb(242,  
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](#).

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