

Converting Colors

Yxy(61.9784, 0.3461, 0.3133)

Have a look what the booklet for
Yxy(61.9784, 0.3461, 0.3133)
contains.

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Color

Yxy(61.9784, 0.3461, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	F7C0CF
RGB	247, 192, 207
RGB Percent	97%, 75%, 81%
CMY	0.0314, 0.2470, 0.1883
CMYK	0.00, 0.22, 0.16, 0.03
HSL	344°, 77%, 86%
HSV	344°, 22%, 97%
XYZ	68.4670, 61.9784, 67.3790
YIQ	210.1550, 27.9650, 16.3250

Conversions

Conversions Part 2

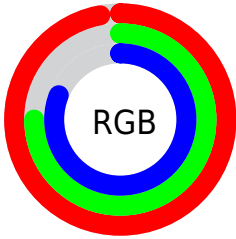
Format	Color
R_{YB}	247, 192, 207
Decimal	16236751
CIE Lab	82.90, 21.91, 0.09
CIE LCh	83, 21.912, 0.231
Yxy	61.9784, 0.3461, 0.3133
Android (android.graphics.Color)	4294426831 (0xFFF7C0CF)
YUV	210.1550, -1.5554, 32.3131
Hunter-Lab	78.7264, 17.4674, 4.3643

Details

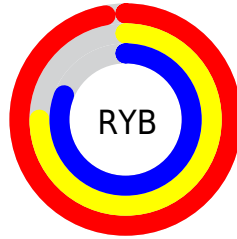
The Yxy color **61.9784, 0.3461, 0.3133** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5526, 0.2875, 0.3454**, and the grayscale version is **64.5537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.4240, 0.3544, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **51.1994, 0.3669, 0.3058**, and if you desaturate by 10%, it is **74.6831, 0.3292, 0.3206**.

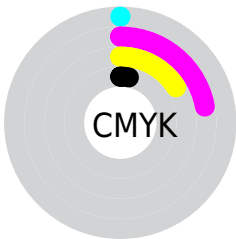
Distribution



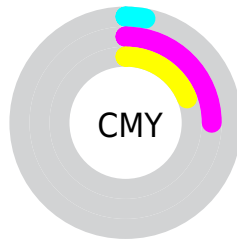
- Red (97%)
- Green (75%)
- Blue (81%)



- Red (97%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (3%)



- Cyan (3%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9784, 0.3461, 0.3133 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 61.9784, 0.3461, 0.3133 by changing the saturation by 10% instead.


 61.9784, 0.3461,
0.3133

 61.9784, 0.3461,
0.3133

431.8523, 0.3302,
0.3208

 45.0152, 0.3499,
0.3115


 107.6943, 0.3405,
0.3159

 31.4694, 0.3546,
0.3093


137.2159, 0.3383,
0.3170

 20.9566, 0.3606,
0.3065


171.6923, 0.3365,
0.3178

 13.0923, 0.3687,
0.3026

211.5081, 0.3349,
0.3186

 7.4921, 0.3801,
0.2973

257.0476, 0.3335,
0.3192

 3.7717, 0.3973,
0.2891


308.6952, 0.3323,

 1.5467, 0.4259,

0.3198


0.2756


366.8353, 0.3312,
0.3203


 0.3213, 0.5583,
0.2134


 0.0000, 0.0000,
0.0000

 61.9784, 0.3461,
0.3133


 61.9784, 0.3461,
0.3133


 51.1994, 0.3669,
0.3058


 74.6831, 0.3292,
0.3206

 42.2436, 0.3920,
0.2985

 89.3928, 0.3154,
0.3275

 35.0117, 0.4220,
0.2921

 98.5131, 0.3078,
0.3290

 29.3915, 0.4565,
0.2875

■ 25.2573, 0.4942,
0.2858

■ 22.4647, 0.5324,
0.2881

■ 20.8398, 0.5673,
0.2949

■ 20.1819, 0.5900,
0.3024

Harmonies

Analogous

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



61.9784, 0.3192, 0.2946



61.9784, 0.3461, 0.3133



61.9784, 0.3641, 0.3363

Triad

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



61.9784, 0.3461, 0.3133



61.9784, 0.3323, 0.3783



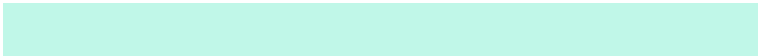
61.9784, 0.2606, 0.2963

Complementary

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



61.9784, 0.3461, 0.3133



83.5526, 0.2875, 0.3454

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.



61.9784, 0.2638, 0.3181



61.9784, 0.3461, 0.3133



61.9784, 0.3045, 0.3673

Square

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



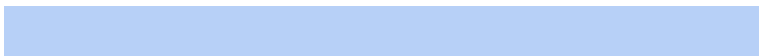
61.9784, 0.3461, 0.3133



61.9784, 0.3557, 0.3744



61.9784, 0.2796, 0.3446



61.9784, 0.2705, 0.2844

Rectangle

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



61.9784, 0.3461, 0.3133



61.9784, 0.3682, 0.3516



61.9784, 0.2796, 0.3446



61.9784, 0.2602, 0.3027

Sweetspot

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



61.9812, 0.3461, 0.3133



88.3269, 0.3216, 0.3243



61.4767, 0.3035, 0.2715



18.7011, 0.3224, 0.3239



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.



61.9812, 0.3461, 0.3133



60.8444, 0.3555, 0.3097



66.7285, 0.3556, 0.3417



16.5567, 0.3251, 0.3226



10.6944, 0.5859, 0.3001



0.9565, 0.5506, 0.2807

Inverse Universe

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



61.9812, 0.3461, 0.3133



60.8444, 0.3555, 0.3097



77.3857, 0.2786, 0.3159



16.5567, 0.3251, 0.3226



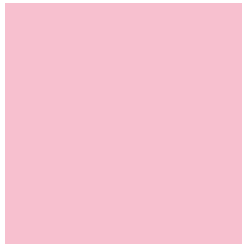
10.6944, 0.5859, 0.3001



0.9565, 0.5506, 0.2807

Previews

White Background



This preview shows how the Yxy color 61.9784, 0.3461, 0.3133 looks on a white background.

Color Contrast Check

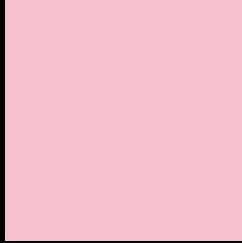
Large Text (above 18pt) WCAG AA × Fail

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 61.9784, 0.3461, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

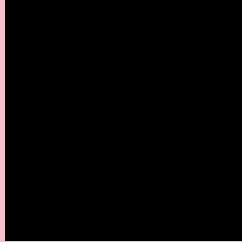
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9784, 0.3461, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 61.9784, 0.3461, 0.3133.



This preview shows how white text looks on a background with the Yxy color 61.9784, 0.3461, 0.3133.

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

61.9784, 0.3461, 0.3133

Protanopia

62.4588, 0.3079, 0.3187

Deuteranopia

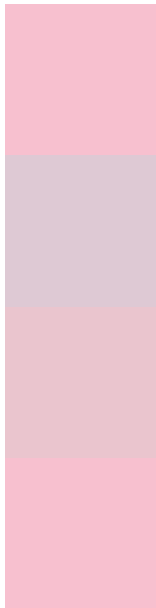
62.0472, 0.3303, 0.3235



Tritanopia

61.9784, 0.3461, 0.3133

Trichromacy



Original Color

61.9784, 0.3461, 0.3133

Protanomaly

62.0563, 0.3211, 0.3168

Deuteranomaly

61.8812, 0.3355, 0.3193

Tritanomaly

61.9784, 0.3461, 0.3133

Monochromacy



Original Color

61.9784, 0.3461, 0.3133

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.0033, 0.3239, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9784, 0.3461, 0.3133 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(247, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(247, 192, 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(247, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 192, 207) }
```

Border

The CSS property to change the border of an element to Yxy 61.9784, 0.3461, 0.3133 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(247, 192, 207) }
```

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

```
.border{ border-color:rgb(247, 192, 207) }
```

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

Here you see how a box with a 4 pixel rgb(247, 192, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(247, 192,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9784, 0.3461, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 192, 207) }
```

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

```
.background{ background-color: rgb(247,  
192, 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](#).

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