

Converting Colors

Yxy(61.2262, 0.3426, 0.3161)

Have a look what the booklet for
Yxy(61.2262, 0.3426, 0.3161)
contains.

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Color

Yxy(61.2485, 0.3426, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	F1C1CD
RGB	241, 193, 205
RGB Percent	95%, 76%, 80%
CMY	0.0550, 0.2431, 0.1960
CMYK	0.00, 0.20, 0.15, 0.05
HSL	345°, 63%, 85%
HSV	345°, 20%, 95%
XYZ	66.3622, 61.2485, 66.0910
YIQ	208.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

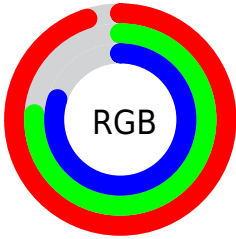
Format	Color
R _Y B	241, 193, 205
Decimal	15843789
CIE Lab	82.51, 18.95, 0.51
CIE LCh	83, 18.958, 1.540
Yxy	61.2485, 0.3426, 0.3162
Android (android.graphics.Color)	4294033869 (0xFFF1C1CD)
YUV	208.7200, -1.8340, 28.3096
Hunter-Lab	78.2614, 14.4026, 4.7131

Details

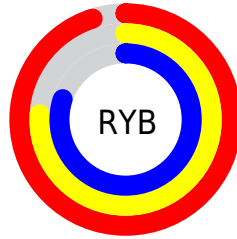
The Yxy color **61.2485, 0.3426, 0.3162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8962, 0.2895, 0.3422**, and the grayscale version is **63.5701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.8900, 0.3497, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **50.6270, 0.3630, 0.3093**, and if you desaturate by 10%, it is **73.7123, 0.3260, 0.3228**.

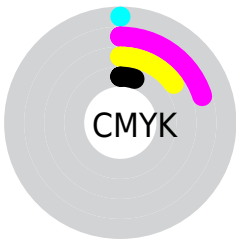
Distribution



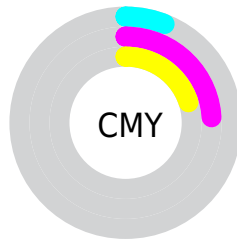
- Red (95%)
- Green (76%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (5%)





- Cyan (6%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2485, 0.3426, 0.3162 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 61.2485, 0.3426, 0.3162 by changing the saturation by 10% instead.

 61.2485, 0.3426,
0.3162

 61.2485, 0.3426,
0.3162

429.1846, 0.3283,
0.3223

 44.4257, 0.3460,
0.3147

 106.6387, 0.3376,
0.3184

 31.0054, 0.3502,
0.3129

135.9749, 0.3356,
0.3192

 20.6029, 0.3557,
0.3105


170.2510, 0.3340,
0.3199

 12.8341, 0.3630,
0.3073

209.8515, 0.3325,
0.3205

 7.3144, 0.3734,
0.3028

255.1607, 0.3313,
0.3211

 3.6595, 0.3891,
0.2960


306.5630, 0.3302,


 1.4850, 0.4156,


0.3216


0.2844

364.4428, 0.3292,
0.3220


 0.2781, 0.5714,
0.2186


 0.0000, 0.0000,
0.0000


 61.2485, 0.3426,
0.3162


 61.2485, 0.3426,
0.3162


 50.6270, 0.3630,
0.3093


 73.7123, 0.3260,
0.3228

 41.7520, 0.3879,
0.3026

 88.0916, 0.3126,
0.3291

 34.5319, 0.4176,
0.2965

 97.4380, 0.3041,
0.3290

 28.8632, 0.4522,
0.2918

■ 24.6304, 0.4905,
0.2898

■ 21.7022, 0.5299,
0.2913

■ 19.9224, 0.5665,
0.2970

■ 19.0341, 0.5965,
0.3060

■ 19.0275, 0.5968,
0.3061

Harmonies

Analogous

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



61.2485, 0.3195, 0.2995



61.2485, 0.3426, 0.3162



61.2485, 0.3577, 0.3365

Triad

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



61.2485, 0.3426, 0.3162



61.2485, 0.3289, 0.3715



61.2485, 0.2674, 0.3000

Complementary

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



61.2485, 0.3426, 0.3162



79.8962, 0.2895, 0.3422

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.



61.2485, 0.2697, 0.3188



61.2485, 0.3426, 0.3162



61.2485, 0.3046, 0.3614

Square

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



61.2485, 0.3426, 0.3162



61.2485, 0.3494, 0.3689



61.2485, 0.2831, 0.3416



61.2485, 0.2765, 0.2899

Rectangle

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



61.2485, 0.3426, 0.3162



61.2485, 0.3609, 0.3497



61.2485, 0.2831, 0.3416



61.2485, 0.2668, 0.3055

Sweetspot

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



61.2513, 0.3426, 0.3162



89.9067, 0.3205, 0.3253



61.0200, 0.3053, 0.2780



19.0190, 0.3214, 0.3249



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.



61.2513, 0.3426, 0.3162



64.3637, 0.3506, 0.3134



65.8318, 0.3500, 0.3411



15.8237, 0.3254, 0.3231



10.3378, 0.5928, 0.3039



0.8754, 0.5559, 0.2836

Inverse Universe

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



61.2513, 0.3426, 0.3162



64.3637, 0.3506, 0.3134



74.1659, 0.2821, 0.3165



15.8237, 0.3254, 0.3231



10.3378, 0.5928, 0.3039



0.8754, 0.5559, 0.2836

Previews

White Background



This preview shows how the Yxy color 61.2485, 0.3426, 0.3162 looks on a white background.

Color Contrast Check

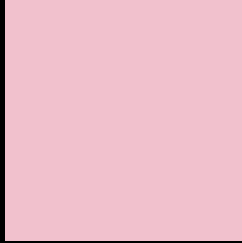
Large Text (above 18pt) WCAG AA × Fail

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 61.2485, 0.3426, 0.3162 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 61.2485, 0.3426, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 61.2485, 0.3426, 0.3162.



This preview shows how white text looks on a background with the Yxy color 61.2485, 0.3426, 0.3162.

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

61.2485, 0.3426, 0.3162

Protanopia

61.2046, 0.3094, 0.3198

Deuteranopia

61.3752, 0.3304, 0.3235



Tritanopia

61.3948, 0.3402, 0.3130

Trichromacy



Original Color

61.2485, 0.3426, 0.3162

Protanomaly

60.9721, 0.3210, 0.3189

Deuteranomaly

61.2811, 0.3347, 0.3214

Tritanomaly

61.3457, 0.3410, 0.3141

Monochromacy



Original Color

61.2485, 0.3426, 0.3162

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6381, 0.3230, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2485, 0.3426, 0.3162 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(241, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 205)  
}
```

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(241, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.2485, 0.3426, 0.3162 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(241, 193, 205) }
```

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

```
.border{ border-color:rgb(241, 193, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2485, 0.3426, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 205) }
```

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

```
.background{ background-color: rgb(241,  
193, 205) }
```

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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