

Converting Colors

Yxy(84.1889, 0.3200, 0.3136)

Have a look what the booklet for
Yxy(84.1889, 0.3200, 0.3136)
contains.

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Color

Yxy(84.4462, 0.3202, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6F5
RGB	255, 230, 245
RGB Percent	100%, 90%, 96%
CMY	0.0002, 0.0979, 0.0393
CMYK	0.00, 0.10, 0.04, 0.00
HSL	324°, 100%, 95%
HSV	324°, 10%, 100%
XYZ	86.0040, 84.4462, 98.1445
YIQ	239.1850, 10.0850, 9.9650

Conversions

Conversions Part 2

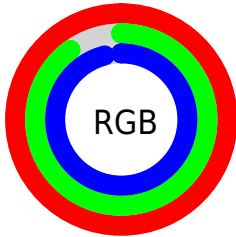
Format	Color
R _Y B	255, 230, 245
Decimal	16770805
CIE Lab	93.64, 11.01, -4.15
CIE LCh	94, 11.766, 339.322
Yxy	84.4462, 0.3202, 0.3144
Android (android.graphics.Color)	4294960885 (0xFFFE6F5)
YUV	239.1850, 2.8668, 13.8698
Hunter-Lab	91.8946, 6.2423, 1.0038

Details

The Yxy color **84.4462, 0.3202, 0.3144** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.6081, 0.3059, 0.3441**, and the grayscale version is **86.4377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9520, 0.3215, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **70.6751, 0.3293, 0.2988**, and if you desaturate by 10%, it is **99.9913, 0.3127, 0.3290**.

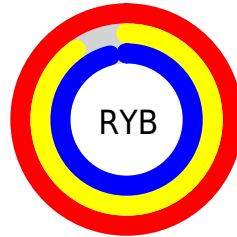
Distribution



Red (100%)

Green (90%)

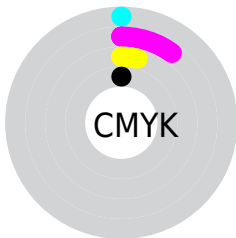
Blue (96%)



Red (100%)

Yellow (90%)

Blue (96%)

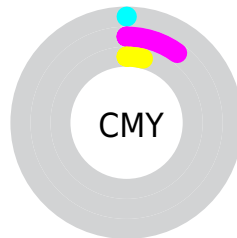


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4462, 0.3202, 0.3144 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 84.4462, 0.3202, 0.3144 by changing the saturation by 10% instead.


 84.4462, 0.3202,
0.3144

 84.4462, 0.3202,
0.3144

509.7938, 0.3169,
0.3209

 63.3839, 0.3209,
0.3130

139.5992, 0.3191,
0.3166

 46.1518, 0.3218,
0.3112


174.4586, 0.3186,
0.3175

 32.3657, 0.3229,
0.3091


214.6859, 0.3182,
0.3182

 21.6409, 0.3244,
0.3063

260.6654, 0.3179,
0.3189

 13.5933, 0.3262,
0.3027

312.7816, 0.3176,
0.3195

 7.8384, 0.3288,
0.2976

371.4188, 0.3173,

 3.9917, 0.3326,

0.3200

0.2902

436.9614, 0.3171,
0.3205

■ 1.6689, 0.3388,
0.2782

■ 0.4034, 0.3653,
0.2260

■ 84.4462, 0.3202,
0.3144

■ 84.4462, 0.3202,
0.3144

■ 70.6751, 0.3293,
0.2988

99.9913, 0.3127,
0.3290

■ 58.9196, 0.3401,
0.2827

■ 49.0867, 0.3528,
0.2669

■ 41.0714, 0.3673,
0.2520

■ 34.7589, 0.3837,
0.2391

■ 30.0209, 0.4014,
0.2295

■ 26.7109, 0.4200,
0.2242

■ 24.6543, 0.4386,
0.2241

■ 23.5731, 0.4567,
0.2291

Harmonies

Analogous

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



84.4462, 0.3065, 0.3077



84.4462, 0.3202, 0.3144



84.4462, 0.3321, 0.3248

Triad

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



84.4462, 0.3202, 0.3144



84.4462, 0.3307, 0.3522



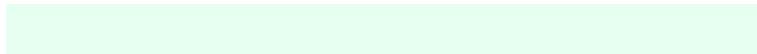
84.4462, 0.2874, 0.3206

Complementary

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



84.4462, 0.3202, 0.3144



94.6081, 0.3059, 0.3441

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.



84.4462, 0.2936, 0.3329



84.4462, 0.3202, 0.3144



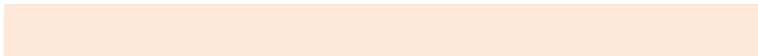
84.4462, 0.3185, 0.3515

Square

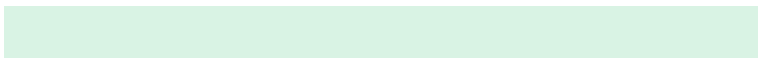
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



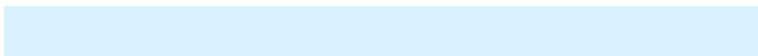
84.4462, 0.3202, 0.3144



84.4462, 0.3382, 0.3466



84.4462, 0.3049, 0.3443



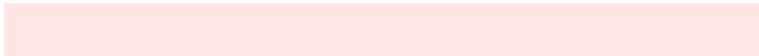
84.4462, 0.2878, 0.3109

Rectangle

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



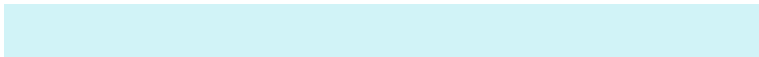
84.4462, 0.3202, 0.3144



84.4462, 0.3372, 0.3327



84.4462, 0.3049, 0.3443



84.4462, 0.2888, 0.3245

Sweetspot

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



84.4499, 0.3202, 0.3144



95.0204, 0.3149, 0.3246



82.2755, 0.3036, 0.3041



20.0605, 0.3155, 0.3234



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

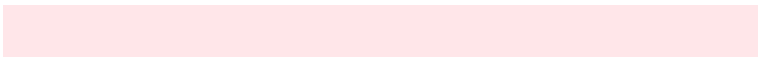
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4499, 0.3202, 0.3144



81.2438, 0.3221, 0.3110



83.7372, 0.3281, 0.3262



18.1702, 0.3200, 0.3148



12.3425, 0.4543, 0.2276



1.2233, 0.4349, 0.2169

Inverse Universe

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



84.4499, 0.3202, 0.3144



81.2438, 0.3221, 0.3110



95.3488, 0.2992, 0.3319



18.1702, 0.3200, 0.3148



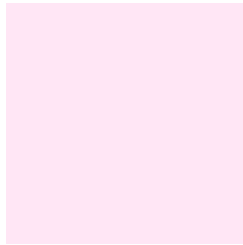
12.3425, 0.4543, 0.2276



1.2233, 0.4349, 0.2169

Previews

White Background



This preview shows how the Yxy color 84.4462, 0.3202, 0.3144 looks on a white background.

Color Contrast Check

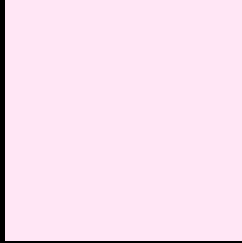
Large Text (above 18pt) WCAG AA × Fail

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 84.4462, 0.3202, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

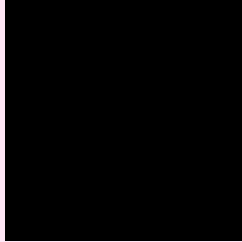
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

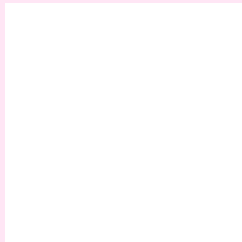
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4462, 0.3202, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 84.4462, 0.3202, 0.3144.

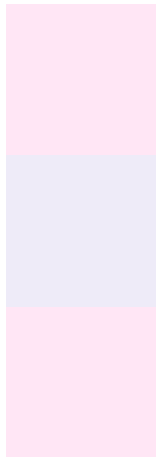


This preview shows how white text looks on a background with the Yxy color 84.4462, 0.3202, 0.3144.

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

84.4462, 0.3202, 0.3144

Protanopia

84.3711, 0.3067, 0.3159

Deuteranopia

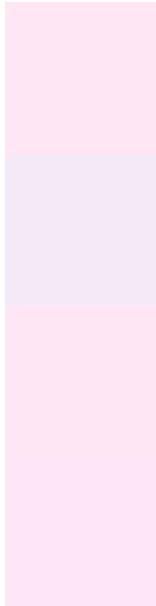
84.4462, 0.3202, 0.3144



Tritanopia

84.5690, 0.3189, 0.3125

Trichromacy



Original Color

84.4462, 0.3202, 0.3144

Protanomaly

84.2263, 0.3114, 0.3151

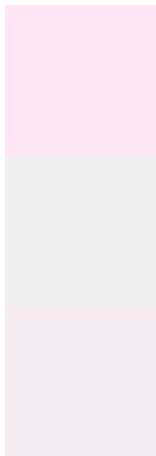
Deuteranomaly

84.4462, 0.3202, 0.3144

Tritanomaly

84.5074, 0.3196, 0.3134

Monochromacy



Original Color

84.4462, 0.3202, 0.3144

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.7543, 0.3156, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4462, 0.3202, 0.3144 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(255, 230, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 245)  
}
```

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(255, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 245) }
```

Border

The CSS property to change the border of an element to Yxy 84.4462, 0.3202, 0.3144 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(255, 230, 245) }
```

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

```
.border{ border-color:rgb(255, 230, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4462, 0.3202, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 245) }
```

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

```
.background{ background-color: rgb(255,  
230, 245) }
```

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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