

Converting Colors

$Yxy(82.9464, 0.3206, 0.3166)$

Have a look what the booklet for
Yxy(82.9464, 0.3206, 0.3166)
contains.

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Color

Yxy(83.0849, 0.3208, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	FCE5F1
RGB	252, 229, 241
RGB Percent	99%, 90%, 95%
CMY	0.0119, 0.1019, 0.0549
CMYK	0.00, 0.09, 0.04, 0.01
HSL	329°, 79%, 94%
HSV	329°, 9%, 99%
XYZ	84.0279, 83.0849, 94.8195
YIQ	237.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

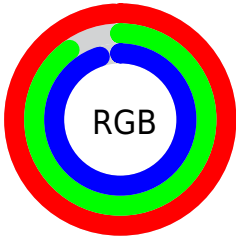
Format	Color
R_{YB}	252, 229, 241
Decimal	16573937
CIE Lab	93.05, 9.83, -2.97
CIE LCh	93, 10.268, 343.190
Yxy	83.0849, 0.3208, 0.3172
Android (android.graphics.Color)	4294764017 (0xFFFC E5F1)
YUV	237.2450, 1.8512, 12.9401
Hunter-Lab	91.1509, 5.0369, 2.1294

Details

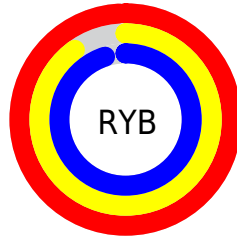
The Yxy color 83.0849, 0.3208, 0.3172 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.5451, 0.3053, 0.3411, and the grayscale version is 84.8647, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 45.3770, 0.3222, 0.3151 is the 20% darker color. If you saturate the color by 10%, you get 69.4447, 0.3314, 0.3036, and if you desaturate by 10%, it is 98.8034, 0.3120, 0.3301.

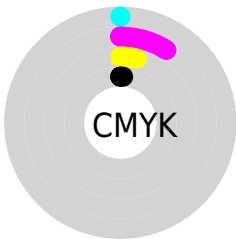
Distribution



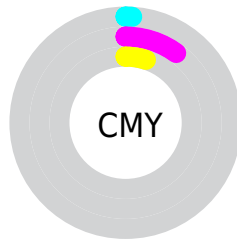
- Red (99%)
- Green (90%)
- Blue (95%)



- Red (99%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0849, 0.3208, 0.3172 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 83.0849, 0.3208, 0.3172 by changing the saturation by 10% instead.


 83.0849, 0.3208,
0.3172

 83.0849, 0.3208,
0.3172


505.2694, 0.3172,
0.3225

 62.2602, 0.3216,
0.3160


137.6944, 0.3196,
0.3190

 45.2430, 0.3226,
0.3146


172.2479, 0.3191,
0.3197

 31.6489, 0.3238,
0.3128


212.1465, 0.3187,
0.3203

 21.0934, 0.3254,
0.3105

257.7746, 0.3183,
0.3209

 13.1923, 0.3275,
0.3075

309.5165, 0.3180,
0.3213

 7.5611, 0.3304,
0.3033

367.7567, 0.3177,

 3.8154, 0.3348,

0.3218

0.2971

432.8796, 0.3174,
0.3222

■ 1.5709, 0.3420,
0.2868

■ 0.3378, 0.3805,
0.2291

■ 83.0849, 0.3208,
0.3172

■ 83.0849, 0.3208,
0.3172

■ 69.4447, 0.3314,
0.3036

■ 98.8034, 0.3120,
0.3301

■ 57.7843, 0.3442,
0.2895

■ 99.4272, 0.3108,
0.3290

■ 48.0133, 0.3592,
0.2756

■ 40.0299, 0.3768,
0.2624

■ 33.7230, 0.3968,
0.2511

■ 28.9685, 0.4189,
0.2428

■ 25.6250, 0.4423,
0.2389

■ 23.5250, 0.4659,
0.2403

■ 22.4181, 0.4885,
0.2469

Harmonies

Analogous

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



83.0849, 0.3088, 0.3108



83.0849, 0.3208, 0.3172



83.0849, 0.3307, 0.3267

Triad

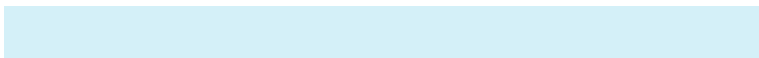
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0849, 0.3208, 0.3172



83.0849, 0.3273, 0.3496



83.0849, 0.2902, 0.3204

Complementary

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



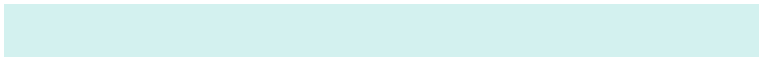
83.0849, 0.3208, 0.3172



92.5451, 0.3053, 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.



83.0849, 0.2950, 0.3310



83.0849, 0.3208, 0.3172



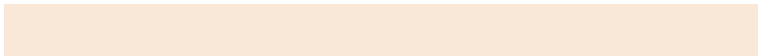
83.0849, 0.3163, 0.3481

Square

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



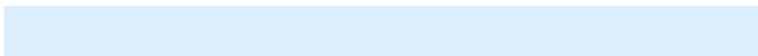
83.0849, 0.3208, 0.3172



83.0849, 0.3345, 0.3454



83.0849, 0.3045, 0.3413



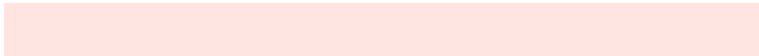
83.0849, 0.2913, 0.3124

Rectangle

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



83.0849, 0.3208, 0.3172



83.0849, 0.3348, 0.3336



83.0849, 0.3045, 0.3413



83.0849, 0.2912, 0.3238

Sweetspot

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



83.0885, 0.3208, 0.3172



94.9825, 0.3152, 0.3252



81.5535, 0.3056, 0.3060



20.0503, 0.3159, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

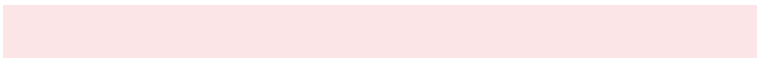
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0885, 0.3208, 0.3172



82.5570, 0.3227, 0.3147



82.4394, 0.3282, 0.3283



17.3766, 0.3212, 0.3167



11.6715, 0.4869, 0.2456



1.1024, 0.4616, 0.2317

Inverse Universe

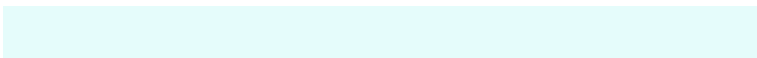
The Inverse Universe completely reimagines the original color for something new.



83.0885, 0.3208, 0.3172



82.5570, 0.3227, 0.3147



93.2317, 0.2991, 0.3297



17.3766, 0.3212, 0.3167



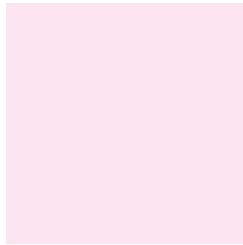
11.6715, 0.4869, 0.2456



1.1024, 0.4616, 0.2317

Previews

White Background



This preview shows how the Yxy color 83.0849, 0.3208, 0.3172 looks on a white background.

Color Contrast Check

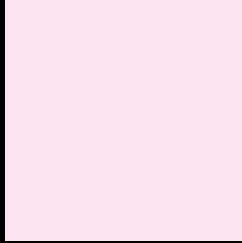
Large Text (above 18pt) WCAG AA × Fail

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 83.0849, 0.3208, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

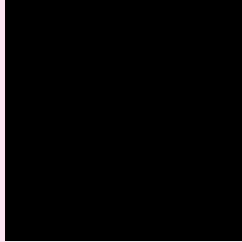
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.0849, 0.3208, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 83.0849, 0.3208, 0.3172.

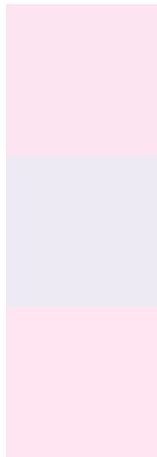


This preview shows how white text looks on a background with the Yxy color 83.0849, 0.3208, 0.3172.

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

83.0849, 0.3208, 0.3172

Protanopia

83.3818, 0.3085, 0.3189

Deuteranopia

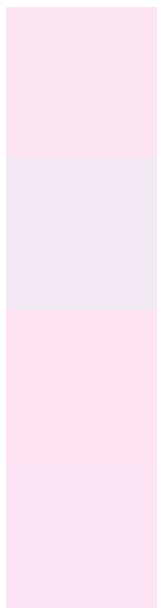
83.0977, 0.3230, 0.3163



Tritanopia

83.0233, 0.3183, 0.3114

Trichromacy



Original Color

83.0849, 0.3208, 0.3172

Protanomaly

83.0615, 0.3126, 0.3180

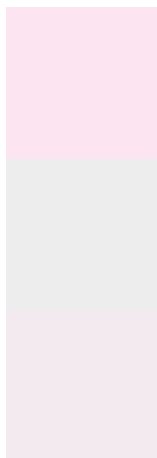
Deuteranomaly

82.9085, 0.3223, 0.3162

Tritanomaly

82.9011, 0.3196, 0.3133

Monochromacy



Original Color

83.0849, 0.3208, 0.3172

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.8959, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0849, 0.3208, 0.3172 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(252, 229, 241)` looks like.

```
.text, #text, p{  
    color:rgb(252, 229, 241)  
}
```

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(252, 229, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 241) }
```

Border

The CSS property to change the border of an element to Yxy 83.0849, 0.3208, 0.3172 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(252, 229, 241) }
```

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

```
.border{ border-color:rgb(252, 229, 241) }
```

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

Here you see how a box with a 4 pixel rgb(252, 229, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0849, 0.3208, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 241) }
```

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

```
.background{ background-color: rgb(252,  
229, 241) }
```

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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