

Converting Colors

$Y_{xy}(84.6375, 0.3199, 0.3191)$

Have a look what the booklet for
Yxy(84.6375, 0.3199, 0.3191)
contains.

Yxy(84.8195, 0.3200, 0.3192)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(84.8195, 0.3200, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	FCE8F2
RGB	252, 232, 242
RGB Percent	99%, 91%, 95%
CMY	0.0117, 0.0902, 0.0511
CMYK	0.00, 0.08, 0.04, 0.01
HSL	330°, 77%, 95%
HSV	330°, 8%, 99%
XYZ	85.0321, 84.8195, 95.8737
YIQ	239.1200, 8.7100, 7.3500

Conversions

Conversions Part 2

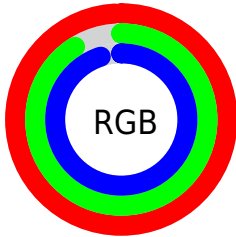
Format	Color
R_{YB}	252, 232, 242
Decimal	16574706
CIE Lab	93.81, 8.48, -2.38
CIE LCh	94, 8.811, 344.361
Yxy	84.8195, 0.3200, 0.3192
Android (android.graphics.Color)	4294764786 (0xFFFC8F2)
YUV	239.1200, 1.4198, 11.2958
Hunter-Lab	92.0975, 3.6354, 2.7473

Details

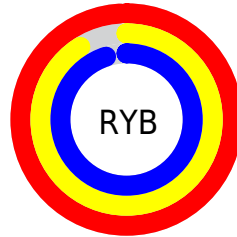
The Yxy color **84.8195, 0.3200, 0.3192** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.2073, 0.3060, 0.3390**, and the grayscale version is **86.4021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1979, 0.3212, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **70.9035, 0.3309, 0.3062**, and if you desaturate by 10%, it is **99.4162, 0.3111, 0.3294**.

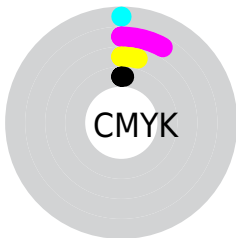
Distribution



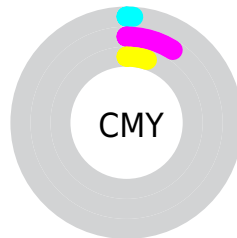
- Red (99%)
- Green (91%)
- Blue (95%)



- Red (99%)
- Yellow (91%)
- Blue (95%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.8195, 0.3200, 0.3192 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 84.8195, 0.3200, 0.3192 by changing the saturation by 10% instead.


 84.8195, 0.3200,
0.3192

 84.8195, 0.3200,
0.3192

511.0306, 0.3167,
0.3236

 63.6922, 0.3207,
0.3182

140.1210, 0.3189,
0.3207

 46.4015, 0.3216,
0.3171


175.0640, 0.3185,
0.3213

 32.5627, 0.3227,
0.3156


215.3810, 0.3181,
0.3218

 21.7917, 0.3241,
0.3137

261.4565, 0.3177,
0.3222

 13.7039, 0.3260,
0.3112

313.6748, 0.3174,
0.3226

 7.9150, 0.3286,
0.3078

372.4203, 0.3172,

 4.0406, 0.3325,

0.3230

0.3026

438.0775, 0.3170,
0.3233

■ 1.6963, 0.3388,
0.2943

■ 0.4213, 0.3674,
0.2548

■ 84.8195, 0.3200,
0.3192

■ 84.8195, 0.3200,
0.3192

■ 70.9035, 0.3309,
0.3062

99.4162, 0.3111,
0.3294

■ 58.9836, 0.3440,
0.2928

99.4404, 0.3109,
0.3290

■ 48.9702, 0.3595,
0.2794

■ 40.7622, 0.3778,
0.2667

■ 34.2495, 0.3987,
0.2557

■ 29.3093, 0.4220,
0.2475

■ 25.8024, 0.4468,
0.2435

■ 23.5647, 0.4719,
0.2448

■ 22.3747, 0.4960,
0.2515

Harmonies

Analogous

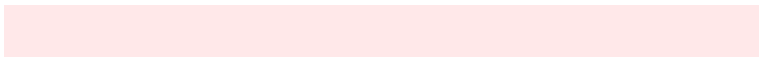
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8195, 0.3098, 0.3136



84.8195, 0.3200, 0.3192



84.8195, 0.3283, 0.3274

Triad

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



84.8195, 0.3200, 0.3192



84.8195, 0.3249, 0.3466



84.8195, 0.2934, 0.3214

Complementary

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



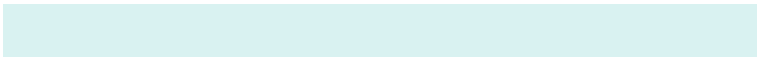
84.8195, 0.3200, 0.3192



93.2073, 0.3060, 0.3390

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.



84.8195, 0.2973, 0.3304



84.8195, 0.3200, 0.3192



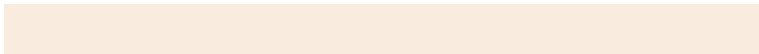
84.8195, 0.3154, 0.3451

Square

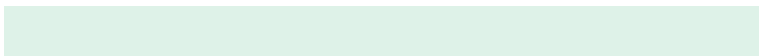
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



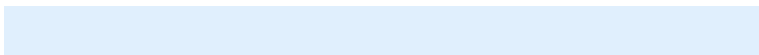
84.8195, 0.3200, 0.3192



84.8195, 0.3311, 0.3432



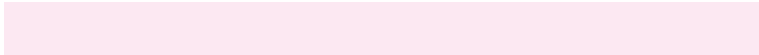
84.8195, 0.3053, 0.3391



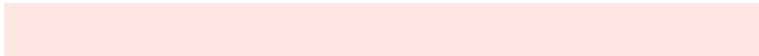
84.8195, 0.2946, 0.3147

Rectangle

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



84.8195, 0.3200, 0.3192



84.8195, 0.3316, 0.3333



84.8195, 0.3053, 0.3391



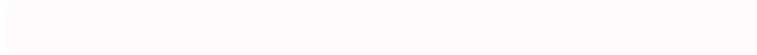
84.8195, 0.2942, 0.3242

Sweetspot

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



84.8232, 0.3200, 0.3192



96.6253, 0.3144, 0.3266



83.6231, 0.3070, 0.3091



20.7171, 0.3144, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

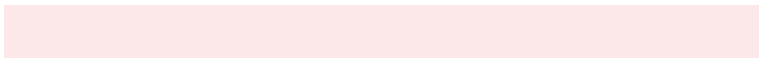
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8232, 0.3200, 0.3192



83.9986, 0.3221, 0.3166



84.2401, 0.3265, 0.3290



17.3694, 0.3215, 0.3172



11.5884, 0.4971, 0.2512



1.0947, 0.4703, 0.2365

Inverse Universe

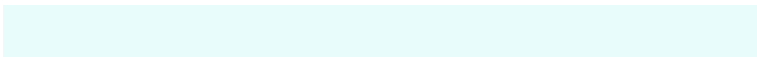
The Inverse Universe completely reimagines the original color for something new.



84.8232, 0.3200, 0.3192



83.9986, 0.3221, 0.3166



93.8233, 0.3004, 0.3290



17.3694, 0.3215, 0.3172



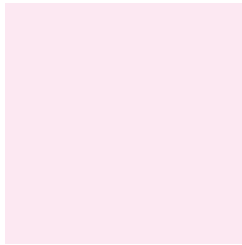
11.5884, 0.4971, 0.2512



1.0947, 0.4703, 0.2365

Previews

White Background



This preview shows how the Yxy color 84.8195, 0.3200, 0.3192 looks on a white background.

Color Contrast Check

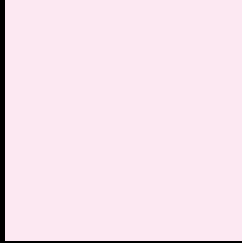
Large Text (above 18pt) WCAG AA × Fail

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 84.8195, 0.3200, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

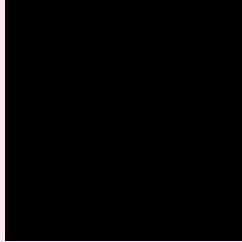
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.8195, 0.3200, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 84.8195, 0.3200, 0.3192.

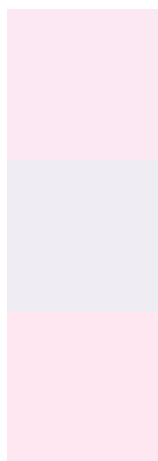


This preview shows how white text looks on a background with the Yxy color 84.8195, 0.3200, 0.3192.

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

84.8195, 0.3200, 0.3192

Protanopia

84.8733, 0.3098, 0.3209

Deuteranopia

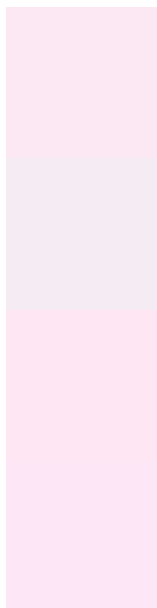
84.8226, 0.3221, 0.3183



Tritanopia

84.8740, 0.3162, 0.3114

Trichromacy



Original Color

84.8195, 0.3200, 0.3192

Protanomaly

85.1208, 0.3138, 0.3210

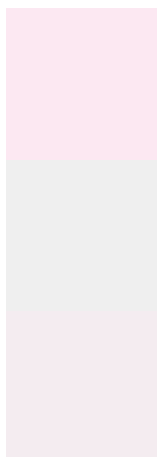
Deuteranomaly

84.6335, 0.3214, 0.3182

Tritanomaly

84.6883, 0.3182, 0.3143

Monochromacy



Original Color

84.8195, 0.3200, 0.3192

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.5153, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8195, 0.3200, 0.3192 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, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 242)  
}
```

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, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 242) }
```

Border

The CSS property to change the border of an element to Yxy 84.8195, 0.3200, 0.3192 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, 232, 242) }
```

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

```
.border{ border-color:rgb(252, 232, 242) }
```

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

Here you see how a box with a 4 pixel rgb(252, 232, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8195, 0.3200, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 242) }
```

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

```
.background{ background-color: rgb(252,  
232, 242) }
```

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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