

Converting Colors

Yxy(84.8472, 0.3224, 0.3227)

Have a look what the booklet for
Yxy(84.8472, 0.3224, 0.3227)
contains.

Yxy(84.6407, 0.3219, 0.3221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(84.6407, 0.3219, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	FCE8EF
RGB	252, 232, 239
RGB Percent	99%, 91%, 94%
CMY	0.0117, 0.0902, 0.0627
CMYK	0.00, 0.08, 0.05, 0.01
HSL	339°, 77%, 95%
HSV	339°, 8%, 99%
XYZ	84.5881, 84.6407, 93.5489
YIQ	238.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

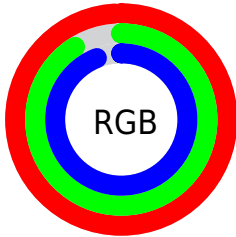
Format	Color
R_{YB}	252, 232, 239
Decimal	16574703
CIE Lab	93.73, 7.98, -0.95
CIE LCh	94, 8.033, 353.237
Yxy	84.6407, 0.3219, 0.3221
Android (android.graphics.Color)	4294764783 (0xFFFC8EF)
YUV	238.7780, 0.1094, 11.5957
Hunter-Lab	92.0004, 3.1180, 4.1123

Details

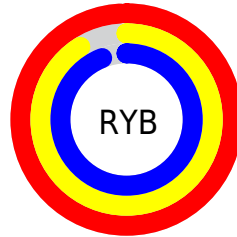
The Yxy color **84.6407, 0.3219, 0.3221** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.3827, 0.3043, 0.3360**, and the grayscale version is **86.1330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0717, 0.3237, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **70.5346, 0.3358, 0.3129**, and if you desaturate by 10%, it is **99.4394, 0.3109, 0.3290**.

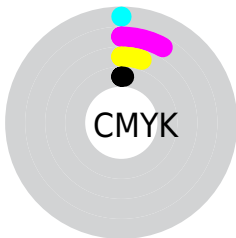
Distribution



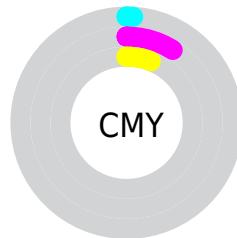
- Red (99%)
- Green (91%)
- Blue (94%)



- Red (99%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.6407, 0.3219, 0.3221 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 84.6407, 0.3219, 0.3221 by changing the saturation by 10% instead.


 84.6407, 0.3219,
0.3221

 84.6407, 0.3219,
0.3221


510.4384, 0.3178,
0.3252

 63.5445, 0.3228,
0.3214


139.8711, 0.3205,
0.3232

 46.2819, 0.3239,
0.3206

174.7741, 0.3199,
0.3236

 32.4683, 0.3253,
0.3195


215.0481, 0.3195,
0.3239

 21.7195, 0.3271,
0.3182

261.0777, 0.3190,
0.3243

 13.6509, 0.3295,
0.3164

313.2471, 0.3187,
0.3245

 7.8783, 0.3329,
0.3139

371.9407, 0.3183,

 4.0172, 0.3379,

0.3248

0.3102

437.5431, 0.3180,
0.3250

■ 1.6832, 0.3463,
0.3040

■ 0.4127, 0.3874,
0.2724

■ 84.6407, 0.3219,
0.3221

■ 84.6407, 0.3219,
0.3221

■ 70.5346, 0.3358,
0.3129

■ 99.4394, 0.3109,
0.3290

■ 58.4584, 0.3527,
0.3034

■ 48.3211, 0.3733,
0.2938

■ 40.0203, 0.3978,
0.2849

■ 33.4442, 0.4264,
0.2774

■ 28.4687, 0.4584,
0.2726

■ 24.9529, 0.4925,
0.2718

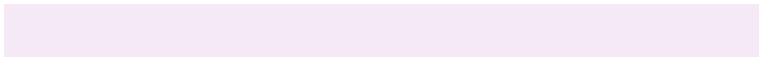
■ 22.7306, 0.5261,
0.2760

■ 21.5785, 0.5565,
0.2851

Harmonies

Analogous

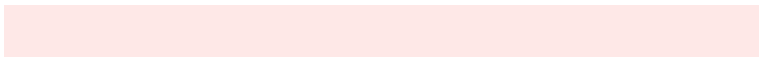
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6407, 0.3129, 0.3161



84.6407, 0.3219, 0.3221



84.6407, 0.3285, 0.3300

Triad

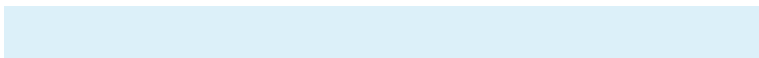
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6407, 0.3219, 0.3221



84.6407, 0.3214, 0.3451



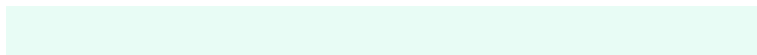
84.6407, 0.2949, 0.3199

Complementary

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



84.6407, 0.3219, 0.3221



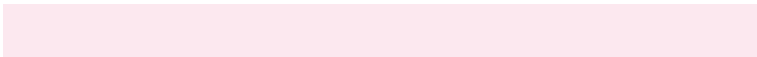
93.3827, 0.3043, 0.3360

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.



84.6407, 0.2972, 0.3277



84.6407, 0.3219, 0.3221



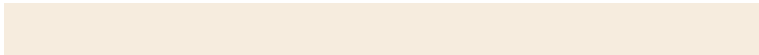
84.6407, 0.3124, 0.3425

Square

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



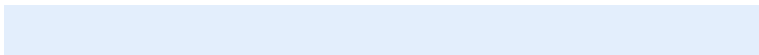
84.6407, 0.3219, 0.3221



84.6407, 0.3282, 0.3433



84.6407, 0.3035, 0.3360



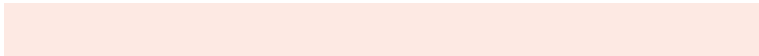
84.6407, 0.2974, 0.3147

Rectangle

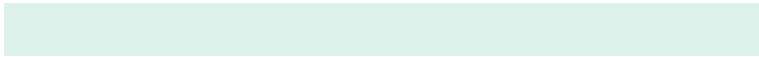
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6407, 0.3219, 0.3221



84.6407, 0.3306, 0.3353



84.6407, 0.3035, 0.3360



84.6407, 0.2951, 0.3223

Sweetspot

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



84.6444, 0.3219, 0.3221



96.5775, 0.3149, 0.3273



84.0967, 0.3087, 0.3092



20.7074, 0.3148, 0.3274



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

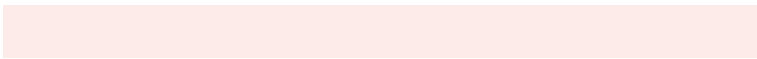
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6444, 0.3219, 0.3221



83.7743, 0.3245, 0.3203



85.7522, 0.3262, 0.3317



17.3256, 0.3239, 0.3207



11.1751, 0.5580, 0.2847



1.0542, 0.5249, 0.2665

Inverse Universe

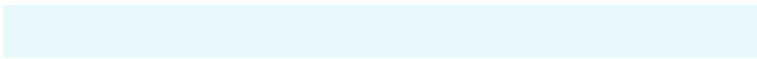
The Inverse Universe completely reimagines the original color for something new.



84.6444, 0.3219, 0.3221



83.7743, 0.3245, 0.3203



92.1540, 0.3004, 0.3263



17.3256, 0.3239, 0.3207



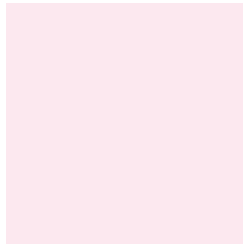
11.1751, 0.5580, 0.2847



1.0542, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 84.6407, 0.3219, 0.3221 looks on a white background.

Color Contrast Check

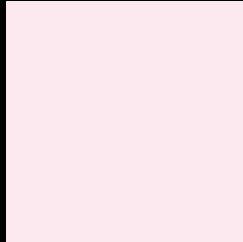
Large Text (above 18pt) WCAG AA × Fail

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 84.6407, 0.3219, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

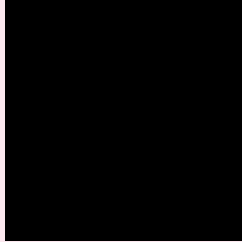
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

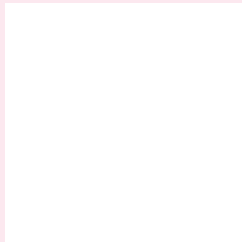
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.6407, 0.3219, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 84.6407, 0.3219, 0.3221.

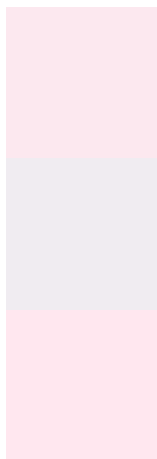


This preview shows how white text looks on a background with the Yxy color 84.6407, 0.3219, 0.3221.

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

84.6407, 0.3219, 0.3221

Protanopia

84.8670, 0.3123, 0.3240

Deuteranopia

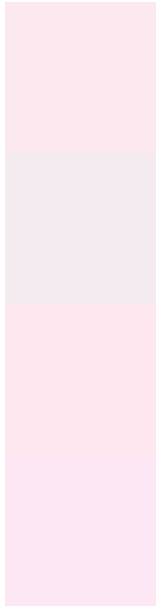
84.6438, 0.3240, 0.3212



Tritanopia

84.3158, 0.3163, 0.3105

Trichromacy



Original Color

84.6407, 0.3219, 0.3221

Protanomaly

84.9410, 0.3156, 0.3240

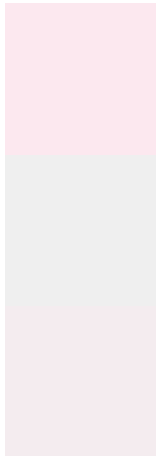
Deuteranomaly

84.4547, 0.3233, 0.3212

Tritanomaly

84.6270, 0.3188, 0.3153

Monochromacy



Original Color

84.6407, 0.3219, 0.3221

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.4560, 0.3162, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6407, 0.3219, 0.3221 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 239) }
```

Border

The CSS property to change the border of an element to Yxy 84.6407, 0.3219, 0.3221 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, 239) }
```

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

```
.border{ border-color:rgb(252, 232, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6407, 0.3219, 0.3221 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, 239) }
```

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

```
.background{ background-color: rgb(252,  
232, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor