

Converting Colors

$Yxy(83.6944, 0.3278, 0.3283)$

Have a look what the booklet for
Yxy(83.6944, 0.3278, 0.3283)
contains.

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Color

Yxy(83.8040, 0.3279, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	FDE7E7
RGB	253, 231, 231
RGB Percent	99%, 91%, 91%
CMY	0.0077, 0.0942, 0.0940
CMYK	0.00, 0.09, 0.09, 0.01
HSL	360°, 85%, 95%
HSV	360°, 9%, 99%
XYZ	83.5238, 83.8040, 87.3956
YIQ	237.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

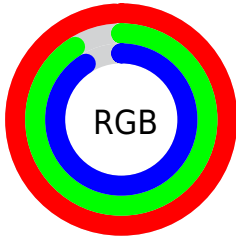
Format	Color
R _Y B	253, 231, 231
Decimal	16639975
CIE Lab	93.37, 7.52, 2.69
CIE LCh	93, 7.983, 19.708
Yxy	83.8040, 0.3279, 0.3290
Android (android.graphics.Color)	4294830055 (0xFFFD E7E7)
YUV	237.5780, -3.2430, 13.5251
Hunter-Lab	91.5445, 2.6577, 7.4783

Details

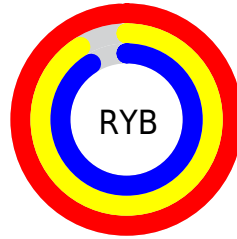
The Yxy color **83.8040, 0.3279, 0.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.3605, 0.2992, 0.3290**, and the grayscale version is **85.1824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4909, 0.3315, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **69.3268, 0.3495, 0.3290**, and if you desaturate by 10%, it is **99.6318, 0.3115, 0.3290**.

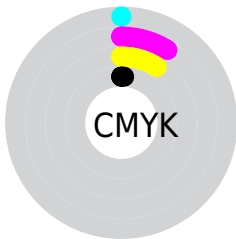
Distribution



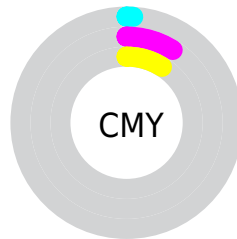
- Red (99%)
- Green (91%)
- Blue (91%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.8040, 0.3279, 0.3290 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 83.8040, 0.3279, 0.3290 by changing the saturation by 10% instead.

 83.8040, 0.3279,
0.3290

 83.8040, 0.3279,
0.3290


507.6621, 0.3210,
0.3290

 62.8536, 0.3294,
0.3290

138.7010, 0.3255,
0.3290

 45.7228, 0.3313,
0.3290

173.4164, 0.3246,
0.3290

 32.0271, 0.3337,
0.3289


213.4889, 0.3238,
0.3290

 21.3822, 0.3367,
0.3288

259.3029, 0.3231,
0.3290

 13.4037, 0.3408,
0.3287

311.2429, 0.3225,
0.3290

 7.7071, 0.3466,
0.3286

369.6931, 0.3220,

 3.9081, 0.3553,

0.3290

0.3282

435.0381, 0.3215,
0.3290

■ 1.6223, 0.3700,
0.3274

■ 0.3726, 0.4767,
0.3304

■ 83.8040, 0.3279,
0.3290

■ 83.8040, 0.3279,
0.3290

■ 69.3268, 0.3495,
0.3290

99.6318, 0.3115,
0.3290

■ 57.0033, 0.3764,
0.3290

■ 46.7340, 0.4098,
0.3291

■ 38.4072, 0.4500,
0.3292

■ 31.9006, 0.4961,
0.3293

■ 27.0783, 0.5446,
0.3294

■ 23.7851, 0.5891,
0.3296

■ 21.8372, 0.6218,
0.3298

■ 20.9704, 0.6384,
0.3299

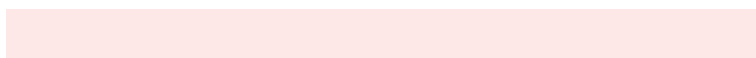
Harmonies

Analogous

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



83.8040, 0.3209, 0.3213



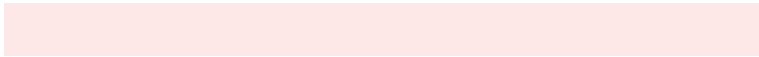
83.8040, 0.3279, 0.3290



83.8040, 0.3308, 0.3368

Triad

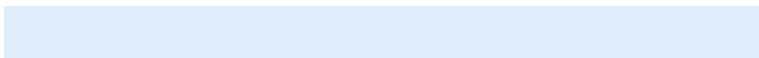
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8040, 0.3279, 0.3290



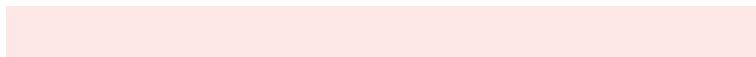
83.8040, 0.3135, 0.3429



83.8040, 0.2969, 0.3152

Complementary

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



83.8040, 0.3279, 0.3290



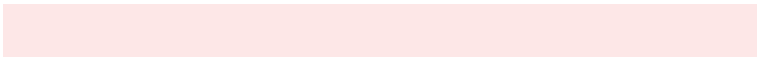
94.3605, 0.2992, 0.3290

Split Complementary

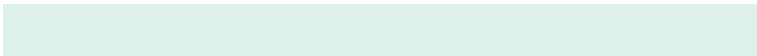
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8040, 0.2950, 0.3208



83.8040, 0.3279, 0.3290



83.8040, 0.3045, 0.3369

Square

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



83.8040, 0.3279, 0.3290



83.8040, 0.3224, 0.3451



83.8040, 0.2978, 0.3287



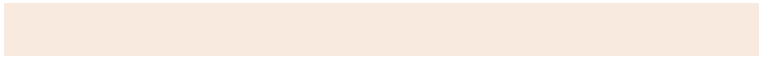
83.8040, 0.3030, 0.3134

Rectangle

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



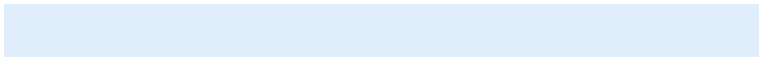
83.8040, 0.3279, 0.3290



83.8040, 0.3300, 0.3411



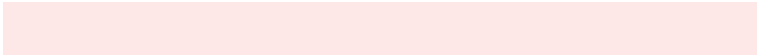
83.8040, 0.2978, 0.3287



83.8040, 0.2957, 0.3167

Sweetspot

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



83.8077, 0.3279, 0.3290



94.7337, 0.3176, 0.3290



85.0625, 0.3135, 0.3075



19.9833, 0.3190, 0.3290



0.0000, 0.0000, 0.0000



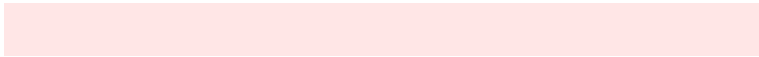
21.4041, 0.3127, 0.3290

Same Dimension

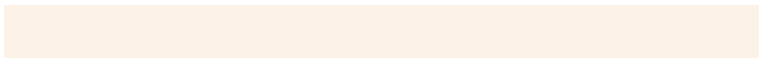
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8077, 0.3279, 0.3290



83.2636, 0.3304, 0.3290



89.9570, 0.3268, 0.3395



17.9877, 0.3294, 0.3290



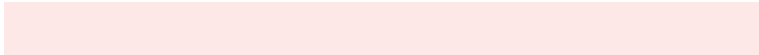
11.1096, 0.6399, 0.3299



1.0819, 0.6394, 0.3296

Inverse Universe

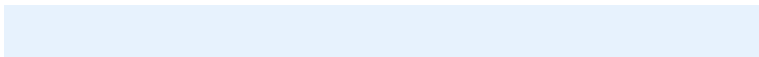
The Inverse Universe completely reimagines the original color for something new.



83.8077, 0.3279, 0.3290



83.2636, 0.3304, 0.3290



87.8159, 0.2992, 0.3182



17.9877, 0.3294, 0.3290



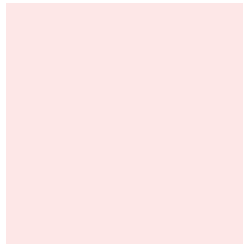
11.1096, 0.6399, 0.3299



1.0819, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 83.8040, 0.3279, 0.3290 looks on a white background.

Color Contrast Check

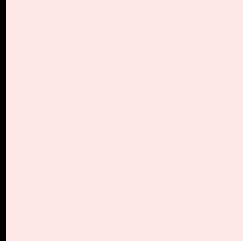
Large Text (above 18pt) WCAG AA × Fail

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 83.8040, 0.3279, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

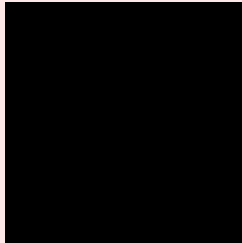
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

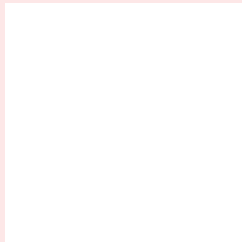
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.8040, 0.3279, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 83.8040, 0.3279, 0.3290.

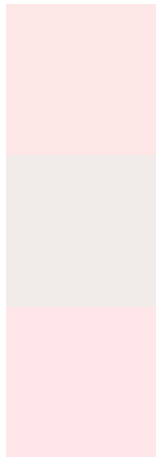


This preview shows how white text looks on a background with the Yxy color 83.8040, 0.3279, 0.3290.

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

83.8040, 0.3279, 0.3290

Protanopia

84.0006, 0.3180, 0.3310

Deuteranopia

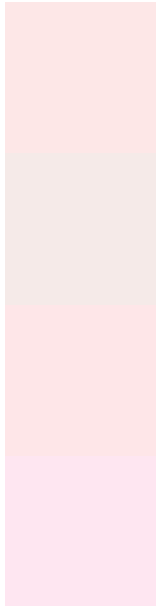
83.7368, 0.3281, 0.3261



Tritanopia

83.9524, 0.3196, 0.3124

Trichromacy



Original Color

83.8040, 0.3279, 0.3290

Protanomaly

84.0843, 0.3214, 0.3310

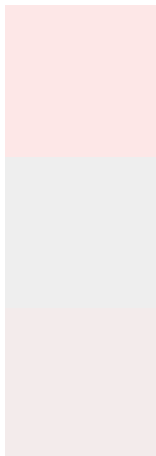
Deuteranomaly

83.4907, 0.3280, 0.3271

Tritanomaly

84.0153, 0.3221, 0.3182

Monochromacy



Original Color

83.8040, 0.3279, 0.3290

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.4695, 0.3181, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.8040, 0.3279, 0.3290 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(253, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 231)  
}
```

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(253, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 231) }
```

Border

The CSS property to change the border of an element to Yxy 83.8040, 0.3279, 0.3290 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(253, 231, 231) }
```

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

```
.border{ border-color:rgb(253, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 83.8040, 0.3279, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 231) }
```

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

```
.background{ background-color: rgb(253,  
231, 231) }
```

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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