

Converting Colors

$Yxy(80.3929, 0.3303, 0.3291)$

Have a look what the booklet for
Yxy(80.3929, 0.3303, 0.3291)
contains.

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Color

Yxy(80.3929, 0.3303, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FBE2E2
RGB	251, 226, 226
RGB Percent	98%, 89%, 89%
CMY	0.0160, 0.1136, 0.1138
CMYK	0.00, 0.10, 0.10, 0.02
HSL	0°, 75%, 94%
HSV	0°, 10%, 98%
XYZ	80.6860, 80.3929, 83.2021
YIQ	233.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

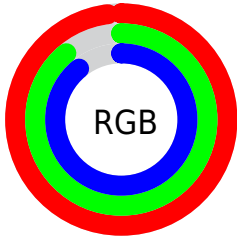
Format	Color
R _Y B	251, 226, 226
Decimal	16507618
CIE Lab	91.86, 8.51, 3.12
CIE LCh	92, 9.067, 20.126
Yxy	80.3929, 0.3303, 0.3291
Android (android.graphics.Color)	4294697698 (0xFFFFBE2E2)
YUV	233.4750, -3.6852, 15.3694
Hunter-Lab	89.6621, 3.7218, 7.7452

Details

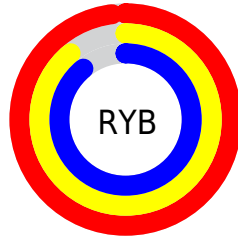
The Yxy color $80.3929, 0.3303, 0.3291$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.0448, 0.2974, 0.3289$, and the grayscale version is $81.8778, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.5354, 0.3338, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $66.4767, 0.3525, 0.3292$, and if you desaturate by 10%, it is $96.5067, 0.3126, 0.3290$.

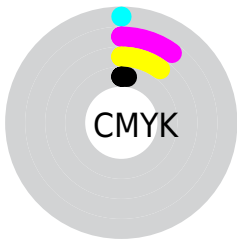
Distribution



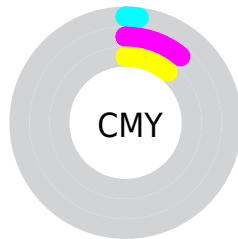
- Red (98%)
- Green (89%)
- Blue (89%)



- Red (98%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.3929, 0.3303, 0.3291 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 80.3929, 0.3303, 0.3291 by changing the saturation by 10% instead.

 80.3929, 0.3303,
0.3291

 80.3929, 0.3303,
0.3291


496.2559, 0.3223,
0.3291

 60.0417, 0.3321,
0.3291


133.9180, 0.3275,
0.3291

 43.4523, 0.3343,
0.3291


167.8607, 0.3265,
0.3291

 30.2401, 0.3371,
0.3290


207.1027, 0.3255,
0.3291

 20.0209, 0.3408,
0.3290

252.0284, 0.3247,
0.3291

 12.4103, 0.3457,
0.3288

303.0222, 0.3240,
0.3291

 7.0237, 0.3526,
0.3286

360.4684, 0.3234,

 3.4769, 0.3633,

0.3291

424.7515, 0.3228,
0.3291

0.3282

1.3855, 0.3818,
0.3271

0.2060, 0.6554,
0.3345

80.3929, 0.3303,
0.3291

80.3929, 0.3303,
0.3291

66.4767, 0.3525,
0.3292

96.5067, 0.3126,
0.3290

54.6530, 0.3802,
0.3294

99.2360, 0.3102,
0.3290

44.8239, 0.4144,
0.3295

36.8794, 0.4554,
0.3297

■ 30.6991, 0.5020,
0.3298

■ 26.1486, 0.5504,
0.3300

■ 23.0741, 0.5938,
0.3301

■ 21.2927, 0.6247,
0.3301

■ 20.5106, 0.6399,
0.3301

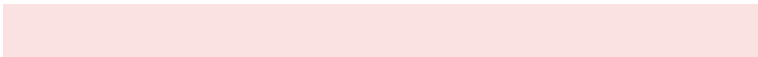
Harmonies

Analogous

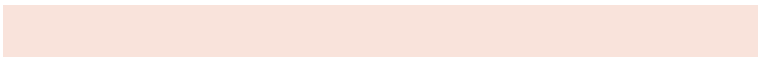
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3929, 0.3223, 0.3202



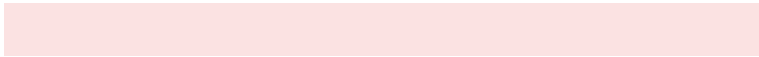
80.3929, 0.3303, 0.3291



80.3929, 0.3336, 0.3381

Triad

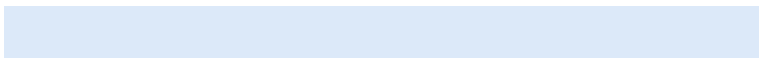
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.3929, 0.3303, 0.3291



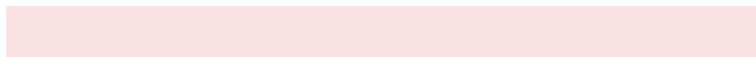
80.3929, 0.3134, 0.3450



80.3929, 0.2946, 0.3131

Complementary

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



80.3929, 0.3303, 0.3291



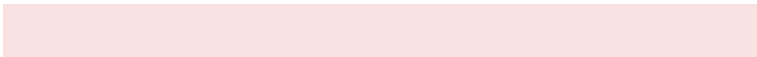
92.0448, 0.2974, 0.3289

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.



80.3929, 0.2923, 0.3194



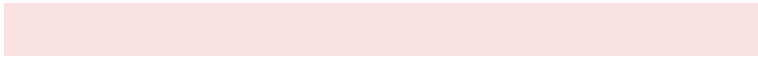
80.3929, 0.3303, 0.3291



80.3929, 0.3031, 0.3380

Square

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



80.3929, 0.3303, 0.3291



80.3929, 0.3237, 0.3475



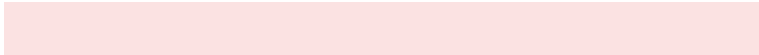
80.3929, 0.2954, 0.3285



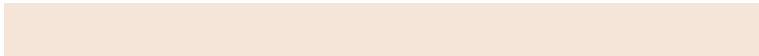
80.3929, 0.3016, 0.3110

Rectangle

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



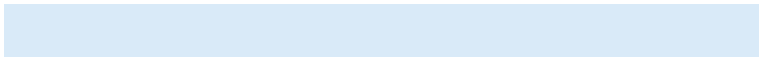
80.3929, 0.3303, 0.3291



80.3929, 0.3326, 0.3430



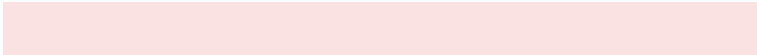
80.3929, 0.2954, 0.3285



80.3929, 0.2932, 0.3147

Sweetspot

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



80.3964, 0.3303, 0.3291



94.7423, 0.3176, 0.3290



81.8395, 0.3139, 0.3045



19.9856, 0.3190, 0.3290



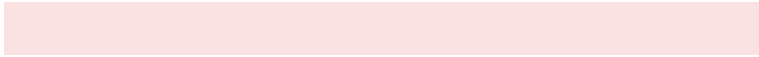
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



80.3964, 0.3303, 0.3291



80.2236, 0.3345, 0.3291



87.4007, 0.3289, 0.3415



17.2309, 0.3294, 0.3291



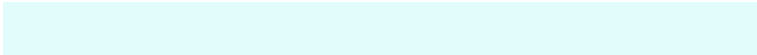
10.7888, 0.6399, 0.3301



1.0012, 0.6396, 0.3304

Inverse Universe

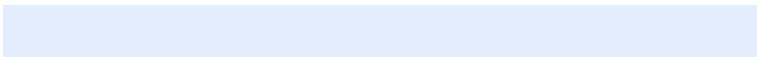
The Inverse Universe completely reimagines the original color for something new.



92.0448, 0.2974, 0.3289



94.6117, 0.2943, 0.3289



84.5410, 0.2972, 0.3162



19.6022, 0.2980, 0.3289



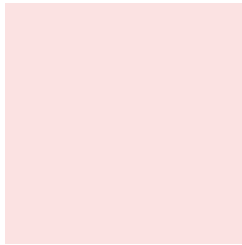
39.7633, 0.2245, 0.3281



3.6847, 0.2245, 0.3282

Previews

White Background



This preview shows how the Yxy color 80.3929, 0.3303, 0.3291 looks on a white background.

Color Contrast Check

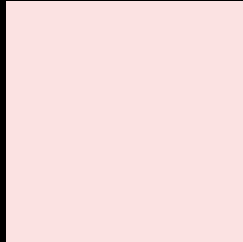
Large Text (above 18pt) WCAG AA × Fail

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 80.3929, 0.3303, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

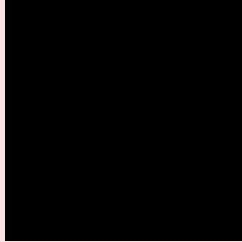
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

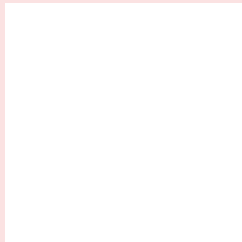
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.3929, 0.3303, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 80.3929, 0.3303, 0.3291.

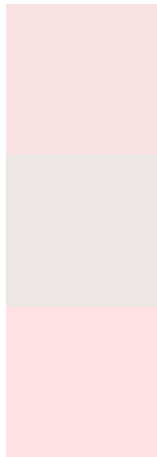


This preview shows how white text looks on a background with the Yxy color 80.3929, 0.3303, 0.3291.

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

80.3929, 0.3303, 0.3291

Protanopia

80.6418, 0.3174, 0.3311

Deuteranopia

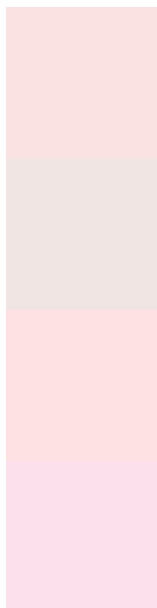
80.1174, 0.3328, 0.3261



Tritanopia

80.5448, 0.3219, 0.3122

Trichromacy



Original Color

80.3929, 0.3303, 0.3291

Protanomaly

80.3408, 0.3217, 0.3301

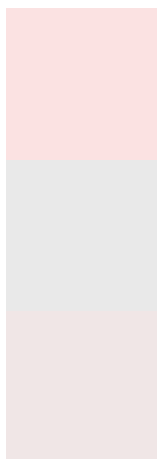
Deuteranomaly

80.4673, 0.3319, 0.3271

Tritanomaly

80.6020, 0.3244, 0.3181

Monochromacy



Original Color

80.3929, 0.3303, 0.3291

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.8321, 0.3196, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.3929, 0.3303, 0.3291 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(251, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 226, 226)  
}
```

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(251, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 80.3929, 0.3303, 0.3291 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(251, 226, 226) }
```

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

```
.border{ border-color:rgb(251, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 226,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 80.3929, 0.3303, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 226, 226) }
```

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

```
.background{ background-color: rgb(251,  
226, 226) }
```

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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