

Converting Colors

$Y_{xy}(80.5057, 0.3272, 0.3268)$

Have a look what the booklet for
Yxy(80.5057, 0.3272, 0.3268)
contains.

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Color

Yxy(80.7350, 0.3268, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F9E3E5
RGB	249, 227, 229
RGB Percent	98%, 89%, 90%
CMY	0.0235, 0.1098, 0.1019
CMYK	0.00, 0.09, 0.08, 0.02
HSL	354°, 65%, 93%
HSV	354°, 9%, 98%
XYZ	80.6856, 80.7350, 85.4754
YIQ	233.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

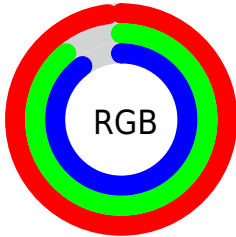
Format	Color
R _Y B	249, 227, 229
Decimal	16376805
CIE Lab	92.01, 7.85, 1.73
CIE LCh	92, 8.043, 12.443
Yxy	80.7350, 0.3268, 0.3270
Android (android.graphics.Color)	4294566885 (0xFF9E3E5)
YUV	233.8060, -2.3694, 13.3251
Hunter-Lab	89.8527, 3.0467, 6.4952

Details

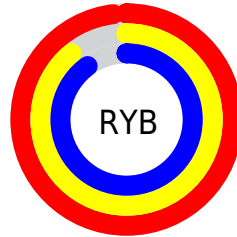
The Yxy color $80.7350, 0.3268, 0.3270$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $90.8078, 0.3002, 0.3310$, and the grayscale version is $82.1407, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.7675, 0.3292, 0.3265$ is the 20% darker color. If you saturate the color by 10%, you get $66.9055, 0.3464, 0.3246$, and if you desaturate by 10%, it is $96.7060, 0.3111, 0.3293$.

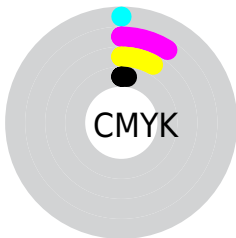
Distribution



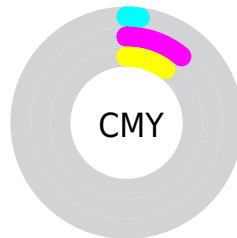
- Red (98%)
- Green (89%)
- Blue (90%)



- Red (98%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7350, 0.3268, 0.3270 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 80.7350, 0.3268, 0.3270 by changing the saturation by 10% instead.

 80.7350, 0.3268,
0.3270

 80.7350, 0.3268,
0.3270


497.4064, 0.3204,
0.3279

 60.3234, 0.3282,
0.3268


134.3986, 0.3246,
0.3273

 43.6793, 0.3300,
0.3265


168.4194, 0.3237,
0.3275

 30.4185, 0.3322,
0.3262


207.7453, 0.3230,
0.3276

 20.1565, 0.3351,
0.3257

252.7608, 0.3223,
0.3277

 12.5088, 0.3390,
0.3251

303.8503, 0.3218,
0.3277

 7.0912, 0.3446,
0.3242

361.3981, 0.3213,

 3.5192, 0.3530,

0.3278

0.3227

425.7887, 0.3208,
0.3279

■ 1.4084, 0.3676,
0.3201

■ 0.2229, 0.5395,
0.2980

■ 80.7350, 0.3268,
0.3270

■ 80.7350, 0.3268,
0.3270

■ 66.9055, 0.3464,
0.3246

■ 96.7060, 0.3111,
0.3293

■ 55.1165, 0.3709,
0.3221

■ 98.8830, 0.3090,
0.3290

■ 45.2745, 0.4011,
0.3197

■ 37.2747, 0.4374,
0.3176

■ 31.0023, 0.4796,
0.3162

■ 26.3299, 0.5253,
0.3161

■ 23.1123, 0.5698,
0.3176

■ 21.1778, 0.6065,
0.3209

■ 20.2780, 0.6300,
0.3252

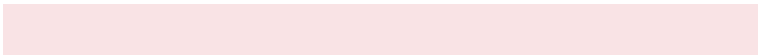
Harmonies

Analogous

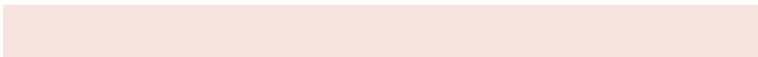
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7350, 0.3189, 0.3195



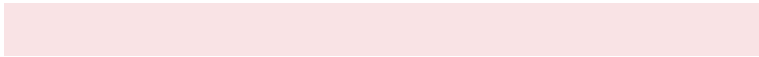
80.7350, 0.3268, 0.3270



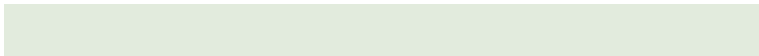
80.7350, 0.3309, 0.3352

Triad

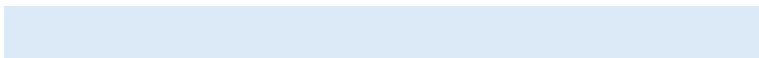
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7350, 0.3268, 0.3270



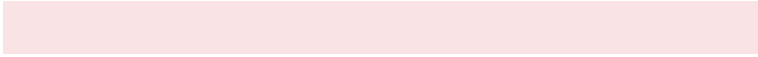
80.7350, 0.3158, 0.3442



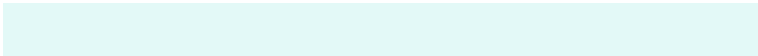
80.7350, 0.2957, 0.3160

Complementary

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



80.7350, 0.3268, 0.3270



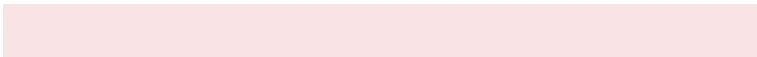
90.8078, 0.3002, 0.3310

Split Complementary

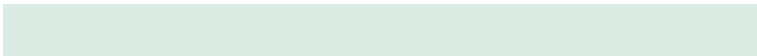
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7350, 0.2949, 0.3224



80.7350, 0.3268, 0.3270



80.7350, 0.3064, 0.3389

Square

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



80.7350, 0.3268, 0.3270



80.7350, 0.3245, 0.3452



80.7350, 0.2988, 0.3308



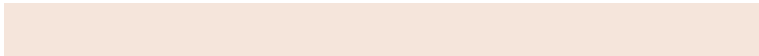
80.7350, 0.3010, 0.3131

Rectangle

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



80.7350, 0.3268, 0.3270



80.7350, 0.3309, 0.3399



80.7350, 0.2988, 0.3308



80.7350, 0.2949, 0.3178

Sweetspot

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



80.7385, 0.3268, 0.3270



94.7764, 0.3172, 0.3283



81.5184, 0.3122, 0.3072



19.9948, 0.3184, 0.3282



0.0000, 0.0000, 0.0000



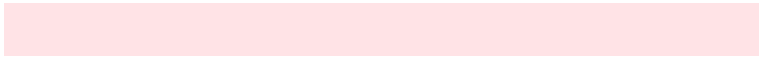
21.4041, 0.3127, 0.3290

Same Dimension

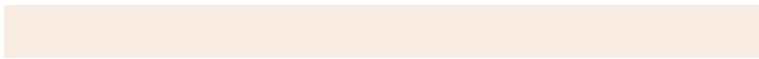
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7385, 0.3268, 0.3270



81.8576, 0.3307, 0.3265



85.5681, 0.3272, 0.3379



17.2511, 0.3280, 0.3269



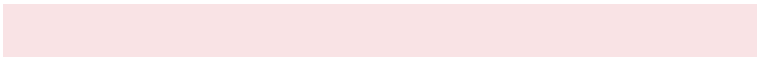
10.8221, 0.6299, 0.3244



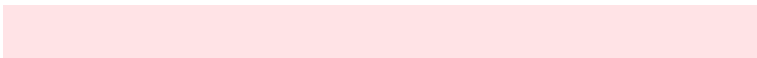
1.0108, 0.6089, 0.3128

Inverse Universe

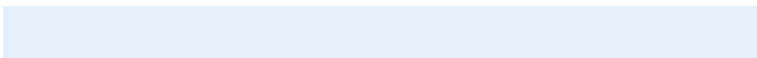
The Inverse Universe completely reimagines the original color for something new.



80.7385, 0.3268, 0.3270



81.8576, 0.3307, 0.3265



85.6150, 0.2990, 0.3200



17.2511, 0.3280, 0.3269



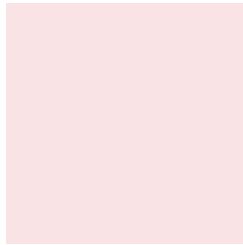
10.8221, 0.6299, 0.3244



1.0108, 0.6089, 0.3128

Previews

White Background



This preview shows how the Yxy color 80.7350, 0.3268, 0.3270 looks on a white background.

Color Contrast Check

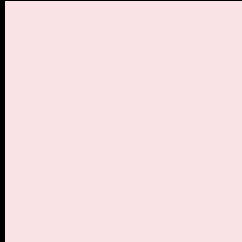
Large Text (above 18pt) WCAG AA × Fail

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 80.7350, 0.3268, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

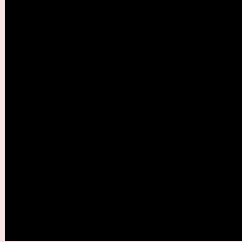
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

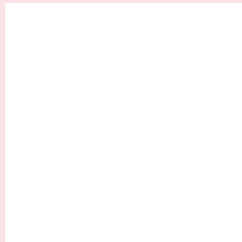
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.7350, 0.3268, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 80.7350, 0.3268, 0.3270.

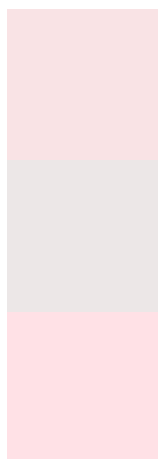


This preview shows how white text looks on a background with the Yxy color 80.7350, 0.3268, 0.3270.

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

80.7350, 0.3268, 0.3270

Protanopia

80.7542, 0.3161, 0.3290

Deuteranopia

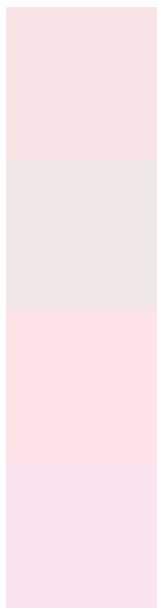
80.8236, 0.3306, 0.3241



Tritanopia

80.8307, 0.3191, 0.3112

Trichromacy



Original Color

80.7350, 0.3268, 0.3270

Protanomaly

81.0076, 0.3203, 0.3290

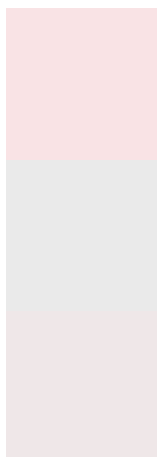
Deuteranomaly

80.9885, 0.3291, 0.3251

Tritanomaly

80.8898, 0.3216, 0.3171

Monochromacy



Original Color

80.7350, 0.3268, 0.3270

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.3287, 0.3175, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7350, 0.3268, 0.3270 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(249, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 229)  
}
```

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(249, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 229) }
```

Border

The CSS property to change the border of an element to Yxy 80.7350, 0.3268, 0.3270 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(249, 227, 229) }
```

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

```
.border{ border-color:rgb(249, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(249, 227,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7350, 0.3268, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 229) }
```

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

```
.background{ background-color: rgb(249,  
227, 229) }
```

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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