

Converting Colors

Yxy(81.0694, 0.3240, 0.3138)

Have a look what the booklet for
Yxy(81.0694, 0.3240, 0.3138)
contains.

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Color

Yxy(80.8626, 0.3240, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F0
RGB	255, 224, 240
RGB Percent	100%, 88%, 94%
CMY	0.0000, 0.1216, 0.0589
CMYK	0.00, 0.12, 0.06, 0.00
HSL	329°, 100%, 94%
HSV	329°, 12%, 100%
XYZ	83.6243, 80.8626, 93.6127
YIQ	235.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

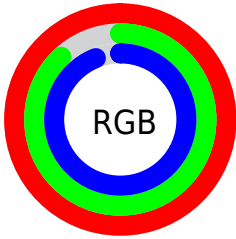
Format	Color
R_{YB}	255, 224, 240
Decimal	16769264
CIE _{Lab}	92.07, 13.29, -3.85
CIE _{LCh}	92, 13.834, 343.853
Yxy	80.8626, 0.3240, 0.3133
Android (android.graphics.Color)	4294959344 (0xFFFFE0F0)
YUV	235.0930, 2.4192, 17.4584
Hunter-Lab	89.9236, 8.6293, 1.2242

Details

The Yxy color $80.8626, 0.3240, 0.3133$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $93.6020, 0.3028, 0.3452$, and the grayscale version is $83.1241, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.8424, 0.3263, 0.3102$ is the 20% darker color. If you saturate the color by 10%, you get $67.4583, 0.3354, 0.2997$, and if you desaturate by 10%, it is $96.3729, 0.3145, 0.3263$.

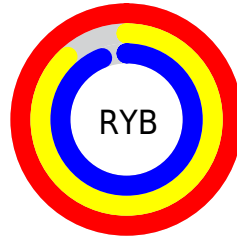
Distribution



Red (100%)

Green (88%)

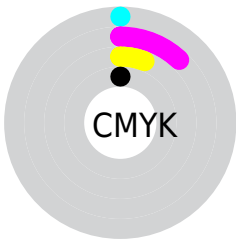
Blue (94%)



Red (100%)

Yellow (88%)

Blue (94%)

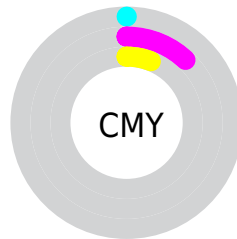


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8626, 0.3240, 0.3133 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 80.8626, 0.3240, 0.3133 by changing the saturation by 10% instead.


 80.8626, 0.3240,
0.3133

 80.8626, 0.3240,
0.3133

497.8351, 0.3189,
0.3203

 60.4284, 0.3251,
0.3117

134.5778, 0.3223,
0.3157

 43.7641, 0.3265,
0.3098

168.6277, 0.3216,
0.3167

 30.4851, 0.3282,
0.3075


207.9849, 0.3210,
0.3175

 20.2071, 0.3305,
0.3044

253.0339, 0.3205,
0.3182

 12.5456, 0.3334,
0.3004

304.1590, 0.3200,
0.3188

 7.1164, 0.3376,
0.2947

361.7446, 0.3196,

 3.5350, 0.3438,

0.3194

0.2863

426.1752, 0.3192,
0.3199

■ 1.4170, 0.3541,
0.2726

■ 0.2292, 0.4203,
0.1777

■ 80.8626, 0.3240,
0.3133

■ 80.8626, 0.3240,
0.3133

■ 67.4583, 0.3354,
0.2997

■ 96.3729, 0.3145,
0.3263

■ 56.0671, 0.3490,
0.2858

100.0000, 0.3127,
0.3290

■ 46.5901, 0.3651,
0.2721

■ 38.9198, 0.3838,
0.2595

■ 32.9378, 0.4049,
0.2492

■ 28.5117, 0.4279,
0.2423

■ 25.4887, 0.4519,
0.2401

■ 23.6846, 0.4757,
0.2433

■ 22.9078, 0.4936,
0.2493

Harmonies

Analogous

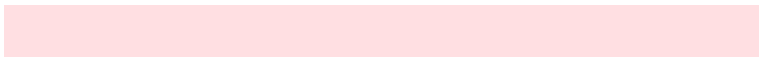
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8626, 0.3077, 0.3045



80.8626, 0.3240, 0.3133



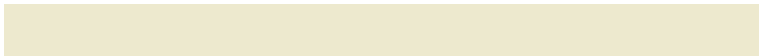
80.8626, 0.3375, 0.3261

Triad

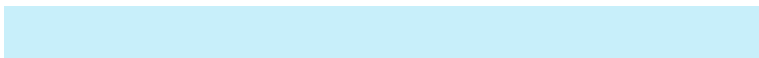
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8626, 0.3240, 0.3133



80.8626, 0.3322, 0.3571



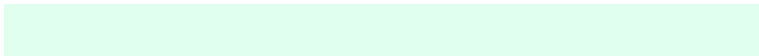
80.8626, 0.2822, 0.3168

Complementary

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



80.8626, 0.3240, 0.3133



93.6020, 0.3028, 0.3452

Split Complementary

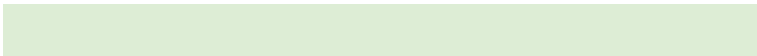
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8626, 0.2884, 0.3313



80.8626, 0.3240, 0.3133



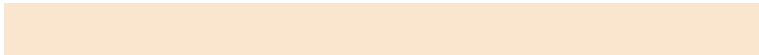
80.8626, 0.3171, 0.3551

Square

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



80.8626, 0.3240, 0.3133



80.8626, 0.3423, 0.3513



80.8626, 0.3011, 0.3455



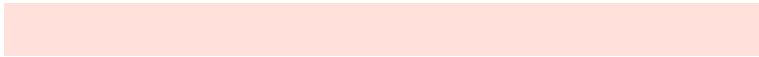
80.8626, 0.2839, 0.3062

Rectangle

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



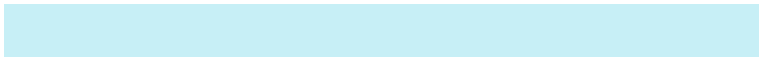
80.8626, 0.3240, 0.3133



80.8626, 0.3429, 0.3354



80.8626, 0.3011, 0.3455



80.8626, 0.2834, 0.3214

Sweetspot

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



80.8629, 0.3240, 0.3133



93.3493, 0.3161, 0.3240



78.8817, 0.3033, 0.2979



19.7213, 0.3168, 0.3230



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

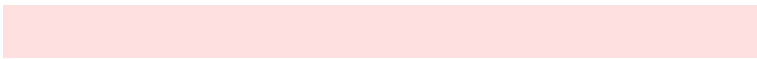
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8629, 0.3240, 0.3133



76.8393, 0.3270, 0.3095



79.9836, 0.3345, 0.3285



18.1433, 0.3213, 0.3168



12.0002, 0.4900, 0.2473



1.1905, 0.4655, 0.2338

Inverse Universe

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



80.8629, 0.3240, 0.3133



76.8393, 0.3270, 0.3095



94.5547, 0.2943, 0.3295



18.1433, 0.3213, 0.3168



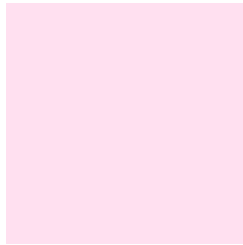
12.0002, 0.4900, 0.2473



1.1905, 0.4655, 0.2338

Previews

White Background



This preview shows how the Yxy color 80.8626, 0.3240, 0.3133 looks on a white background.

Color Contrast Check

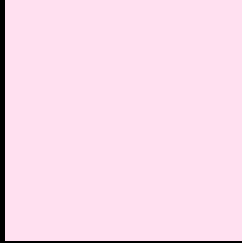
Large Text (above 18pt) WCAG AA × Fail

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 80.8626, 0.3240, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

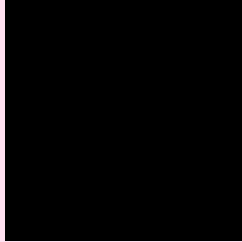
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.8626, 0.3240, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 80.8626, 0.3240, 0.3133.



This preview shows how white text looks on a background with the Yxy color 80.8626, 0.3240, 0.3133.

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

80.8626, 0.3240, 0.3133

Protanopia

81.0071, 0.3060, 0.3157

Deuteranopia

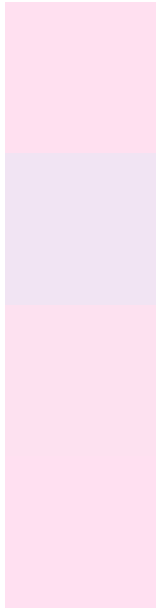
80.8371, 0.3218, 0.3142



Tritanopia

80.9222, 0.3233, 0.3123

Trichromacy



Original Color

80.8626, 0.3240, 0.3133

Protanomaly

80.6586, 0.3121, 0.3139

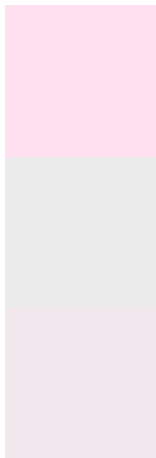
Deuteranomaly

81.0243, 0.3225, 0.3142

Tritanomaly

80.9222, 0.3233, 0.3123

Monochromacy



Original Color

80.8626, 0.3240, 0.3133

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.1435, 0.3164, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8626, 0.3240, 0.3133 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(255, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 240)  
}
```

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(255, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 240) }
```

Border

The CSS property to change the border of an element to Yxy 80.8626, 0.3240, 0.3133 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(255, 224, 240) }
```

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

```
.border{ border-color:rgb(255, 224, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8626, 0.3240, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 240) }
```

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

```
.background{ background-color: rgb(255,  
224, 240) }
```

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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