

Converting Colors

Yxy(81.1796, 0.3228, 0.3120)

Have a look what the booklet for
Yxy(81.1796, 0.3228, 0.3120)
contains.

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Color

Yxy(80.9821, 0.3226, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F2
RGB	255, 224, 242
RGB Percent	100%, 88%, 95%
CMY	0.0001, 0.1215, 0.0508
CMYK	0.00, 0.12, 0.05, 0.00
HSL	325°, 100%, 94%
HSV	325°, 12%, 100%
XYZ	83.9217, 80.9821, 95.2379
YIQ	235.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

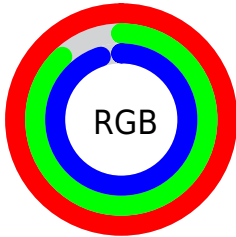
Format	Color
R _Y B	255, 224, 242
Decimal	16769266
CIE Lab	92.12, 13.63, -4.85
CIE LCh	92, 14.463, 340.409
Yxy	80.9821, 0.3226, 0.3113
Android (android.graphics.Color)	4294959346 (0xFFFFE0F2)
YUV	235.3210, 3.2927, 17.2585
Hunter-Lab	89.9901, 8.9805, 0.2455

Details

The Yxy color $80.9821, 0.3226, 0.3113$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.4702, 0.3039, 0.3474$, and the grayscale version is $83.3044, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.9269, 0.3246, 0.3077$ is the 20% darker color. If you saturate the color by 10%, you get $67.6694, 0.3325, 0.2960$, and if you desaturate by 10%, it is $96.3944, 0.3143, 0.3260$.

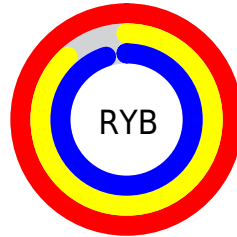
Distribution



Red (100%)

Green (88%)

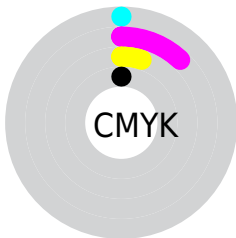
Blue (95%)



Red (100%)

Yellow (88%)

Blue (95%)

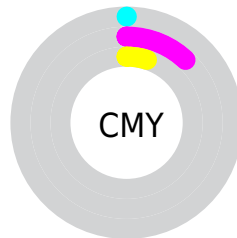


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.9821, 0.3226, 0.3113 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 80.9821, 0.3226, 0.3113 by changing the saturation by 10% instead.


 80.9821, 0.3226,
0.3113

 80.9821, 0.3226,
0.3113

498.2364, 0.3182,
0.3192

 60.5269, 0.3236,
0.3095


134.7456, 0.3211,
0.3140

 43.8434, 0.3248,
0.3074


168.8227, 0.3205,
0.3151

 30.5474, 0.3263,
0.3048


208.2092, 0.3200,
0.3160

 20.2545, 0.3282,
0.3014

253.2895, 0.3195,
0.3168

 12.5802, 0.3307,
0.2968

304.4479, 0.3191,
0.3175

 7.1401, 0.3343,
0.2906

362.0690, 0.3188,

 3.5499, 0.3395,

0.3181

0.2813

426.5370, 0.3185,
0.3187

■ 1.4251, 0.3482,
0.2661

■ 0.2351, 0.4012,
0.1696

■ 80.9821, 0.3226,
0.3113

■ 80.9821, 0.3226,
0.3113

■ 67.6694, 0.3325,
0.2960

■ 96.3944, 0.3143,
0.3260

■ 56.3538, 0.3443,
0.2804

99.9969, 0.3127,
0.3290

■ 46.9402, 0.3580,
0.2651

■ 39.3215, 0.3738,
0.2510

■ 33.3798, 0.3914,
0.2392

■ 28.9830, 0.4104,
0.2308

■ 25.9789, 0.4302,
0.2272

■ 24.1839, 0.4499,
0.2288

■ 23.4071, 0.4649,
0.2335

Harmonies

Analogous

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



80.9821, 0.3055, 0.3028



80.9821, 0.3226, 0.3113



80.9821, 0.3373, 0.3243

Triad

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



80.9821, 0.3226, 0.3113



80.9821, 0.3347, 0.3581



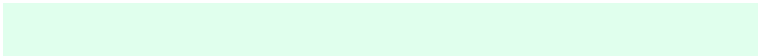
80.9821, 0.2812, 0.3178

Complementary

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



80.9821, 0.3226, 0.3113



93.4702, 0.3039, 0.3474

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.



80.9821, 0.2886, 0.3332



80.9821, 0.3226, 0.3113



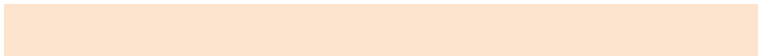
80.9821, 0.3192, 0.3570

Square

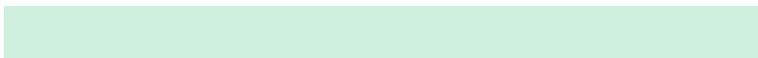
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



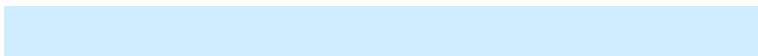
80.9821, 0.3226, 0.3113



80.9821, 0.3443, 0.3512



80.9821, 0.3024, 0.3478



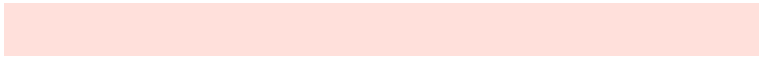
80.9821, 0.2820, 0.3061

Rectangle

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



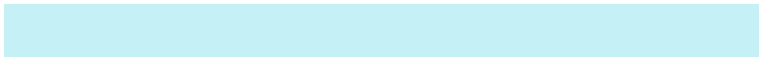
80.9821, 0.3226, 0.3113



80.9821, 0.3436, 0.3340



80.9821, 0.3024, 0.3478



80.9821, 0.2828, 0.3227

Sweetspot

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



80.9856, 0.3226, 0.3113



93.3922, 0.3157, 0.3233



78.5247, 0.3019, 0.2978



19.7321, 0.3163, 0.3222



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

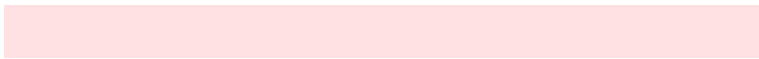
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9856, 0.3226, 0.3113



76.9894, 0.3253, 0.3070



80.0962, 0.3330, 0.3265



18.1644, 0.3203, 0.3153



12.2630, 0.4619, 0.2318



1.2158, 0.4413, 0.2205

Inverse Universe

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



80.9856, 0.3226, 0.3113



76.9894, 0.3253, 0.3070



94.4120, 0.2954, 0.3315



18.1644, 0.3203, 0.3153



12.2630, 0.4619, 0.2318



1.2158, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 80.9821, 0.3226, 0.3113 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 80.9821, 0.3226, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

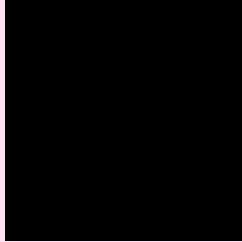
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.9821, 0.3226, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 80.9821, 0.3226, 0.3113.



This preview shows how white text looks on a background with the Yxy color 80.9821, 0.3226, 0.3113.

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

80.9821, 0.3226, 0.3113

Protanopia

81.1293, 0.3047, 0.3137

Deuteranopia

81.3127, 0.3197, 0.3132



Tritanopia

80.9821, 0.3226, 0.3113

Trichromacy



Original Color

80.9821, 0.3226, 0.3113

Protanomaly

80.7801, 0.3108, 0.3119

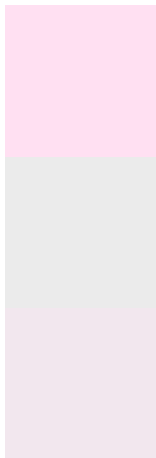
Deuteranomaly

80.9567, 0.3205, 0.3122

Tritanomaly

80.9821, 0.3226, 0.3113

Monochromacy



Original Color

80.9821, 0.3226, 0.3113

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.2021, 0.3158, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9821, 0.3226, 0.3113 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 242) }
```

Border

The CSS property to change the border of an element to Yxy 80.9821, 0.3226, 0.3113 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, 242) }
```

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

```
.border{ border-color:rgb(255, 224, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9821, 0.3226, 0.3113 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
224, 242) }
```

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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