

Converting Colors

$Y_{xy}(82.7970, 0.3355, 0.3113)$

Have a look what the booklet for
Yxy(82.7970, 0.3355, 0.3113)
contains.

Yxy(79.7938, 0.3241, 0.3113)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.7938, 0.3241, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF0
RGB	255, 222, 240
RGB Percent	100%, 87%, 94%
CMY	0.0002, 0.1293, 0.0588
CMYK	0.00, 0.13, 0.06, 0.00
HSL	327°, 100%, 94%
HSV	327°, 13%, 100%
XYZ	83.0748, 79.7938, 93.4559
YIQ	233.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

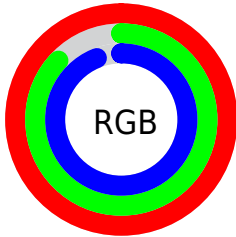
Format	Color
R _Y B	255, 222, 240
Decimal	16768752
CIE Lab	91.59, 14.30, -4.57
CIE LCh	92, 15.009, 342.291
Yxy	79.7938, 0.3241, 0.3113
Android (android.graphics.Color)	4294958832 (0xFFFFDEF0)
YUV	233.9190, 2.9979, 18.4880
Hunter-Lab	89.3274, 9.6827, 0.4989

Details

The Yxy color **79.7938, 0.3241, 0.3113** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.1353, 0.3027, 0.3474**, and the grayscale version is **82.1824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1039, 0.3266, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **66.5943, 0.3350, 0.2969**, and if you desaturate by 10%, it is **95.0919, 0.3150, 0.3251**.

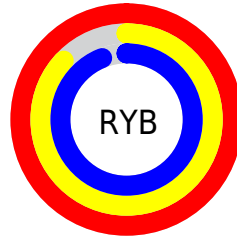
Distribution



Red (100%)

Green (87%)

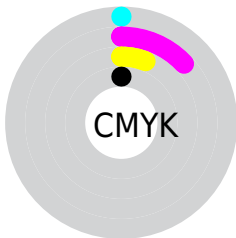
Blue (94%)



Red (100%)

Yellow (87%)

Blue (94%)

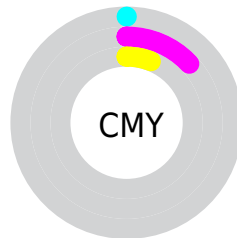


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7938, 0.3241, 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 79.7938, 0.3241, 0.3113 by changing the saturation by 10% instead.


 79.7938, 0.3241,
0.3113

 79.7938, 0.3241,
0.3113


494.2377, 0.3190,
0.3193

 59.5487, 0.3252,
0.3095


133.0758, 0.3223,
0.3140

 43.0550, 0.3266,
0.3074


166.8814, 0.3217,
0.3151

 29.9282, 0.3284,
0.3047


205.9761, 0.3211,
0.3160

 19.7841, 0.3306,
0.3013

250.7441, 0.3205,
0.3168

 12.2382, 0.3336,
0.2967

301.5699, 0.3201,
0.3175

 6.9061, 0.3378,
0.2903

358.8378, 0.3197,

 3.4035, 0.3440,

0.3182

0.2809

422.9322, 0.3193,
0.3187

■ 1.3458, 0.3545,
0.2653

■ 0.1763, 0.4291,
0.1464

■ 79.7938, 0.3241,
0.3113

■ 79.7938, 0.3241,
0.3113

■ 66.5943, 0.3350,
0.2969

■ 95.0919, 0.3150,
0.3251

■ 55.3906, 0.3479,
0.2822

99.9906, 0.3127,
0.3290

■ 46.0867, 0.3631,
0.2678

■ 38.5746, 0.3806,
0.2547

■ 32.7353, 0.4002,
0.2438

■ 28.4352, 0.4215,
0.2366

■ 25.5201, 0.4436,
0.2341

■ 23.8029, 0.4654,
0.2370

■ 23.1189, 0.4804,
0.2420

Harmonies

Analogous

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



79.7938, 0.3063, 0.3021



79.7938, 0.3241, 0.3113



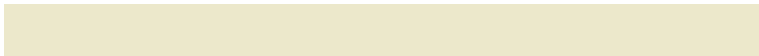
79.7938, 0.3391, 0.3250

Triad

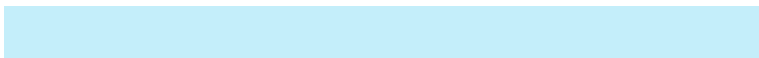
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7938, 0.3241, 0.3113



79.7938, 0.3347, 0.3595



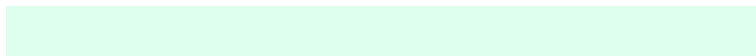
79.7938, 0.2797, 0.3164

Complementary

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



79.7938, 0.3241, 0.3113



93.1353, 0.3027, 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.



79.7938, 0.2868, 0.3323



79.7938, 0.3241, 0.3113



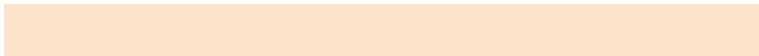
79.7938, 0.3184, 0.3578

Square

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



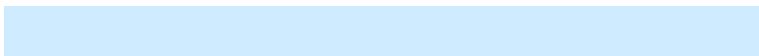
79.7938, 0.3241, 0.3113



79.7938, 0.3453, 0.3528



79.7938, 0.3009, 0.3477



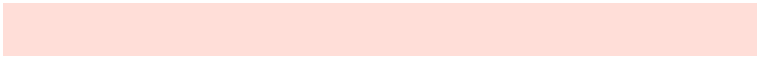
79.7938, 0.2810, 0.3046

Rectangle

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



79.7938, 0.3241, 0.3113



79.7938, 0.3454, 0.3351



79.7938, 0.3009, 0.3477



79.7938, 0.2811, 0.3215

Sweetspot

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



79.7973, 0.3241, 0.3113



93.3690, 0.3160, 0.3237



77.4498, 0.3019, 0.2958



19.7262, 0.3166, 0.3226



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.



79.7973, 0.3241, 0.3113



76.9080, 0.3262, 0.3083



78.8703, 0.3353, 0.3274



18.1530, 0.3208, 0.3161



12.1160, 0.4770, 0.2402



1.2017, 0.4543, 0.2276

Inverse Universe

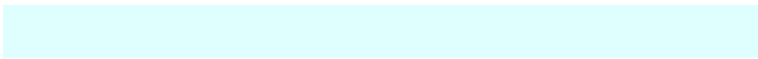
The Inverse Universe completely reimagines the original color for something new.



79.7973, 0.3241, 0.3113



76.9080, 0.3262, 0.3083



94.1332, 0.2938, 0.3306



18.1530, 0.3208, 0.3161



12.1160, 0.4770, 0.2402



1.2017, 0.4543, 0.2276

Previews

White Background



This preview shows how the Yxy color 79.7938, 0.3241, 0.3113 looks on a white background.

Color Contrast Check

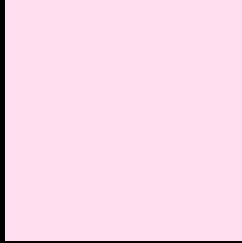
Large Text (above 18pt) WCAG AA × Fail

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 79.7938, 0.3241, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

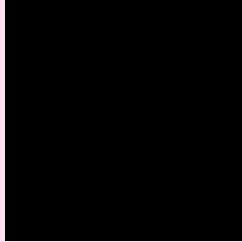
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.7938, 0.3241, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 79.7938, 0.3241, 0.3113.



This preview shows how white text looks on a background with the Yxy color 79.7938, 0.3241, 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

79.7938, 0.3241, 0.3113

Protanopia

80.1751, 0.3040, 0.3136

Deuteranopia

79.9266, 0.3205, 0.3131



Tritanopia

79.7345, 0.3248, 0.3122

Trichromacy



Original Color

79.7938, 0.3241, 0.3113

Protanomaly

79.9345, 0.3114, 0.3128

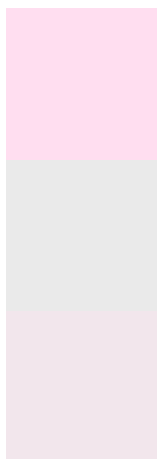
Deuteranomaly

79.7621, 0.3219, 0.3122

Tritanomaly

79.7345, 0.3248, 0.3122

Monochromacy



Original Color

79.7938, 0.3241, 0.3113

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5270, 0.3171, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7938, 0.3241, 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, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 240) }
```

Border

The CSS property to change the border of an element to Yxy 79.7938, 0.3241, 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, 222, 240) }
```

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

```
.border{ border-color:rgb(255, 222, 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, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7938, 0.3241, 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, 222, 240) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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