

Converting Colors

Yxy(79.1614, 0.3241, 0.3099)

Have a look what the booklet for
Yxy(79.1614, 0.3241, 0.3099)
contains.

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Color

Yxy(79.2642, 0.3242, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDF0
RGB	255, 221, 240
RGB Percent	100%, 87%, 94%
CMY	0.0001, 0.1333, 0.0589
CMYK	0.00, 0.13, 0.06, 0.00
HSL	326°, 100%, 93%
HSV	326°, 13%, 100%
XYZ	82.8149, 79.2642, 93.3647
YIQ	233.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

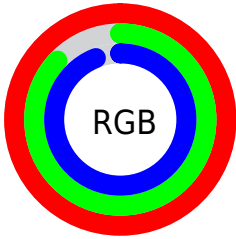
Format	Color
R _Y B	255, 221, 240
Decimal	16768496
CIE Lab	91.35, 14.83, -4.91
CIE LCh	91, 15.620, 341.660
Yxy	79.2642, 0.3242, 0.3103
Android (android.graphics.Color)	4294958576 (0xFFFFDDF0)
YUV	233.3320, 3.2873, 19.0028
Hunter-Lab	89.0304, 10.2349, 0.1449

Details

The Yxy color **79.2642, 0.3242, 0.3103** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.9319, 0.3027, 0.3485**, and the grayscale version is **81.7151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7389, 0.3267, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **66.1613, 0.3348, 0.2955**, and if you desaturate by 10%, it is **94.4600, 0.3153, 0.3245**.

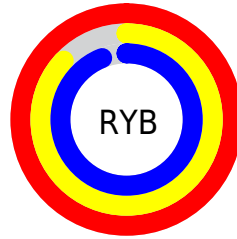
Distribution



Red (100%)

Green (87%)

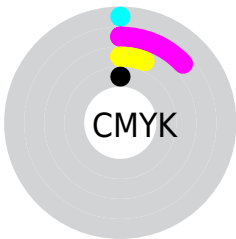
Blue (94%)



Red (100%)

Yellow (87%)

Blue (94%)

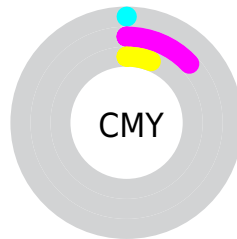


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2642, 0.3242, 0.3103 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 79.2642, 0.3242, 0.3103 by changing the saturation by 10% instead.


 79.2642, 0.3242,
0.3103

 79.2642, 0.3242,
0.3103

492.4497, 0.3190,
0.3187

 59.1131, 0.3253,
0.3084

132.3307, 0.3224,
0.3132

 42.7041, 0.3268,
0.3062

166.0149, 0.3217,
0.3143

 29.6530, 0.3285,
0.3033


204.9789, 0.3211,
0.3153

 19.5754, 0.3308,
0.2997

249.6071, 0.3206,
0.3161

 12.0868, 0.3338,
0.2949

300.2839, 0.3201,
0.3169

 6.8028, 0.3380,
0.2881

357.3936, 0.3197,

 3.3391, 0.3443,

0.3176

0.2781

421.3208, 0.3194,
0.3182

■ 1.3112, 0.3548,
0.2616

■ 0.1499, 0.4344,
0.1291

■ 79.2642, 0.3242,
0.3103

■ 79.2642, 0.3242,
0.3103

■ 66.1613, 0.3348,
0.2955

■ 94.4600, 0.3153,
0.3245

■ 55.0484, 0.3475,
0.2805

99.9943, 0.3127,
0.3290

■ 45.8291, 0.3623,
0.2659

■ 38.3951, 0.3793,
0.2525

■ 32.6271, 0.3983,
0.2415

■ 28.3907, 0.4188,
0.2341

■ 25.5308, 0.4401,
0.2315

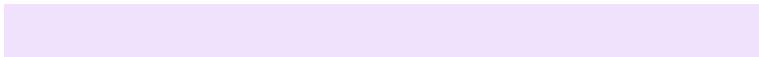
■ 23.8585, 0.4611,
0.2344

■ 23.2218, 0.4748,
0.2389

Harmonies

Analogous

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



79.2642, 0.3056, 0.3008



79.2642, 0.3242, 0.3103



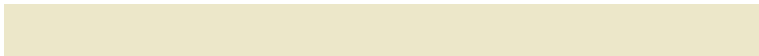
79.2642, 0.3400, 0.3245

Triad

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



79.2642, 0.3242, 0.3103



79.2642, 0.3359, 0.3608



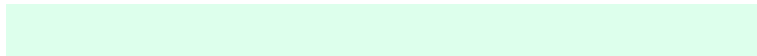
79.2642, 0.2783, 0.3162

Complementary

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



79.2642, 0.3242, 0.3103



92.9319, 0.3027, 0.3485

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.



79.2642, 0.2860, 0.3328



79.2642, 0.3242, 0.3103



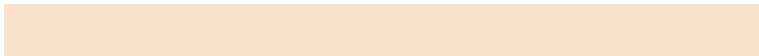
79.2642, 0.3190, 0.3593

Square

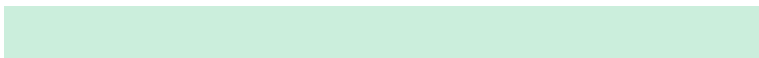
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



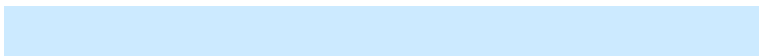
79.2642, 0.3242, 0.3103



79.2642, 0.3468, 0.3535



79.2642, 0.3007, 0.3489



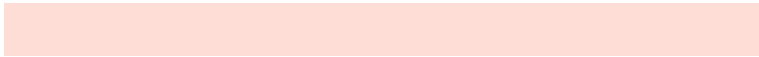
79.2642, 0.2796, 0.3037

Rectangle

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



79.2642, 0.3242, 0.3103



79.2642, 0.3466, 0.3350



79.2642, 0.3007, 0.3489



79.2642, 0.2799, 0.3215

Sweetspot

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



79.2677, 0.3242, 0.3103



93.3774, 0.3159, 0.3235



76.7275, 0.3011, 0.2947



19.7284, 0.3165, 0.3225



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

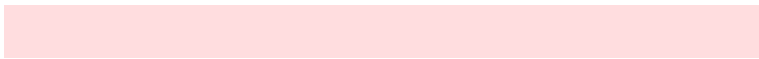
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2677, 0.3242, 0.3103



75.5688, 0.3269, 0.3064



78.3199, 0.3357, 0.3268



18.1571, 0.3206, 0.3158



12.1677, 0.4715, 0.2371



1.2067, 0.4496, 0.2250

Inverse Universe

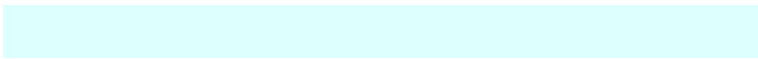
The Inverse Universe completely reimagines the original color for something new.



79.2677, 0.3242, 0.3103



75.5688, 0.3269, 0.3064



93.9491, 0.2935, 0.3312



18.1571, 0.3206, 0.3158



12.1677, 0.4715, 0.2371



1.2067, 0.4496, 0.2250

Previews

White Background



This preview shows how the Yxy color 79.2642, 0.3242, 0.3103 looks on a white background.

Color Contrast Check

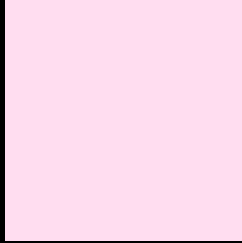
Large Text (above 18pt) WCAG AA × Fail

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 79.2642, 0.3242, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

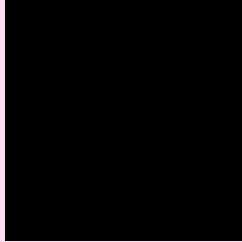
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2642, 0.3242, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 79.2642, 0.3242, 0.3103.



This preview shows how white text looks on a background with the Yxy color 79.2642, 0.3242, 0.3103.

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

79.2642, 0.3242, 0.3103

Protanopia

79.4542, 0.3034, 0.3125

Deuteranopia

79.2064, 0.3198, 0.3120



Tritanopia

79.2049, 0.3249, 0.3113

Trichromacy



Original Color

79.2642, 0.3242, 0.3103

Protanomaly

79.2145, 0.3108, 0.3117

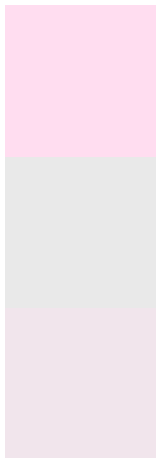
Deuteranomaly

79.0431, 0.3213, 0.3111

Tritanomaly

79.2049, 0.3249, 0.3113

Monochromacy



Original Color

79.2642, 0.3242, 0.3103

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.7955, 0.3165, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2642, 0.3242, 0.3103 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, 221, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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, 221, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 240) }
```

Border

The CSS property to change the border of an element to Yxy 79.2642, 0.3242, 0.3103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

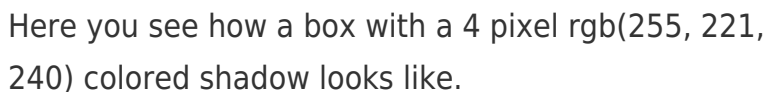
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 221, 240) }
```

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

```
.border{ border-color:rgb(255, 221, 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, 221, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 240); box-shadow:4px 4px 4px 4px rgb(255, 221, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2642, 0.3242, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 240) }
```

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

```
.background{ background-color: rgb(255,  
221, 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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