

Converting Colors

$Y_{xy}(79.4690, 0.3150, 0.2970)$

Have a look what the booklet for
Yxy(79.4690, 0.3150, 0.2970)
contains.

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Color

Yxy(79.3491, 0.3149, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	FEDCFD
RGB	254, 220, 253
RGB Percent	100%, 86%, 99%
CMY	0.0040, 0.1372, 0.0078
CMYK	0.00, 0.13, 0.00, 0.00
HSL	302°, 94%, 93%
HSV	302°, 13%, 100%
XYZ	84.1881, 79.3491, 103.8115
YIQ	233.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

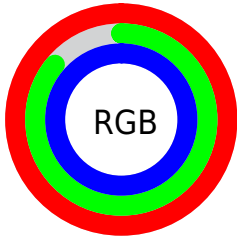
Format	Color
RYB	254, 220, 253
Decimal	16702717
CIELab	91.39, 17.29, -11.69
CIELCh	91, 20.867, 325.940
Yxy	79.3491, 0.3149, 0.2968
Android (android.graphics.Color)	4294892797 (0xFF FEDCFD)
YUV	233.9280, 9.4025, 17.6031
Hunter-Lab	89.0781, 12.8144, -6.7418

Details

The Yxy color $79.3491, 0.3149, 0.2968$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.3026, 0.3105, 0.3635$, and the grayscale version is $82.1445, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.7661, 0.3154, 0.2904$ is the 20% darker color. If you saturate the color by 10%, you get $66.9715, 0.3167, 0.2722$, and if you desaturate by 10%, it is $93.7589, 0.3132, 0.3210$.

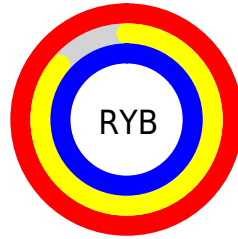
Distribution



Red (100%)

Green (86%)

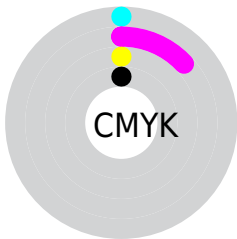
Blue (99%)



Red (100%)

Yellow (86%)

Blue (99%)

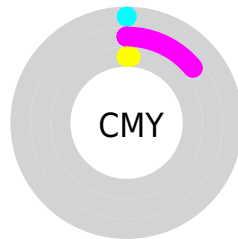


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3491, 0.3149, 0.2968 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 79.3491, 0.3149, 0.2968 by changing the saturation by 10% instead.


 79.3491, 0.3149,
0.2968

 79.3491, 0.3149,
0.2968


492.7365, 0.3141,
0.3111

 59.1829, 0.3150,
0.2937

132.4502, 0.3146,
0.3016

 42.7604, 0.3152,
0.2899


166.1539, 0.3145,
0.3036

 29.6971, 0.3154,
0.2852


205.1388, 0.3144,
0.3052

 19.6088, 0.3156,
0.2792

249.7895, 0.3144,
0.3067

 12.1110, 0.3158,
0.2713

300.4902, 0.3143,
0.3080

 6.8193, 0.3159,
0.2605

357.6253, 0.3142,

 3.3494, 0.3159,

0.3091

0.2448

421.5793, 0.3141,
0.3102

■ 1.3167, 0.3150,
0.2200

■ 0.1541, 0.3329,
0.0902

■ 79.3491, 0.3149,
0.2968

■ 79.3491, 0.3149,
0.2968

■ 66.9715, 0.3167,
0.2722

■ 93.7589, 0.3132,
0.3210

■ 56.5247, 0.3185,
0.2480

99.7698, 0.3124,
0.3295

■ 47.9140, 0.3203,
0.2251

99.8053, 0.3121,
0.3290

■ 41.0330, 0.3221,
0.2044

■ 35.7640, 0.3238,
0.1870

■ 31.9750, 0.3253,
0.1735

■ 29.5128, 0.3266,
0.1644

■ 28.1913, 0.3277,
0.1596

■ 27.7658, 0.3283,
0.1582

Harmonies

Analogous

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



79.3491, 0.2911, 0.2888



79.3491, 0.3149, 0.2968



79.3491, 0.3390, 0.3125

Triad

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



79.3491, 0.3149, 0.2968



79.3491, 0.3527, 0.3675



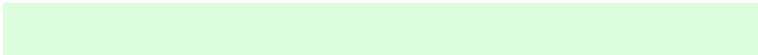
79.3491, 0.2710, 0.3228

Complementary

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



79.3491, 0.3149, 0.2968



91.3026, 0.3105, 0.3635

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.



79.3491, 0.2864, 0.3459



79.3491, 0.3149, 0.2968



79.3491, 0.3334, 0.3724

Square

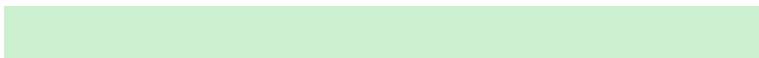
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



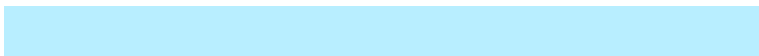
79.3491, 0.3149, 0.2968



79.3491, 0.3612, 0.3526



79.3491, 0.3091, 0.3645



79.3491, 0.2665, 0.3027

Rectangle

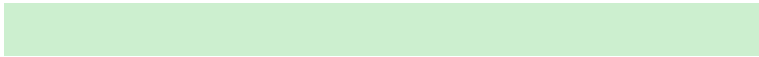
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3491, 0.3149, 0.2968



79.3491, 0.3516, 0.3257



79.3491, 0.3091, 0.3645



79.3491, 0.2751, 0.3306

Sweetspot

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



79.3525, 0.3149, 0.2968



93.6452, 0.3133, 0.3195



73.6555, 0.2916, 0.2935



19.7963, 0.3135, 0.3177



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.



79.3525, 0.3149, 0.2968



76.6000, 0.3154, 0.2903



78.3413, 0.3260, 0.3127



18.2909, 0.3142, 0.3062



14.6463, 0.3281, 0.1581



1.4288, 0.3273, 0.1576

Inverse Universe

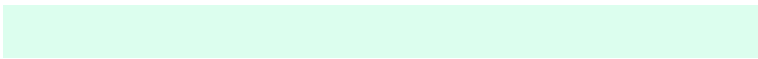
The Inverse Universe completely reimagines the original color for something new.



79.3525, 0.3149, 0.2968



76.6000, 0.3154, 0.2903



92.2304, 0.3012, 0.3459



18.2909, 0.3142, 0.3062



14.6463, 0.3281, 0.1581



1.4288, 0.3273, 0.1576

Previews

White Background



This preview shows how the Yxy color 79.3491, 0.3149, 0.2968 looks on a white background.

Color Contrast Check

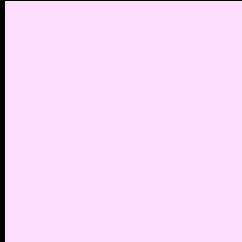
Large Text (above 18pt) WCAG AA × Fail

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 79.3491, 0.3149, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

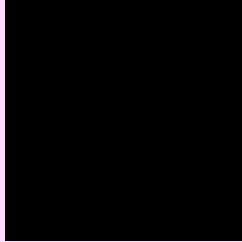
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

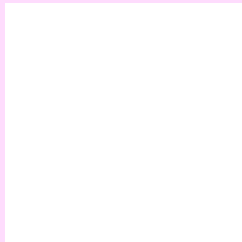
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3491, 0.3149, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 79.3491, 0.3149, 0.2968.

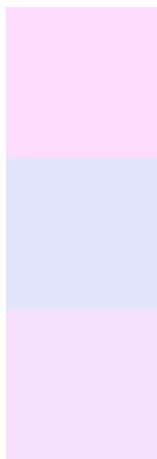


This preview shows how white text looks on a background with the Yxy color 79.3491, 0.3149, 0.2968.

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

79.3491, 0.3149, 0.2968

Protanopia

79.5895, 0.2954, 0.3024

Deuteranopia

79.3943, 0.3079, 0.3011



Tritanopia

79.2293, 0.3220, 0.3112

Trichromacy



Original Color

79.3491, 0.3149, 0.2968

Protanomaly

79.5530, 0.3025, 0.3008

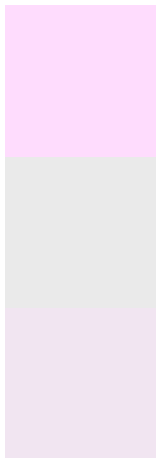
Deuteranomaly

79.5778, 0.3106, 0.3003

Tritanomaly

79.1881, 0.3195, 0.3053

Monochromacy



Original Color

79.3491, 0.3149, 0.2968

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.0903, 0.3133, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3491, 0.3149, 0.2968 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(254, 220, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 253)  
}
```

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(254, 220, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 253) }
```

Border

The CSS property to change the border of an element to Yxy 79.3491, 0.3149, 0.2968 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(254, 220, 253) }
```

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

```
.border{ border-color:rgb(254, 220, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3491, 0.3149, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 253) }
```

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

```
.background{ background-color: rgb(254,  
220, 253) }
```

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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