

Converting Colors

$Y_{xy}(79.1901, 0.3154, 0.2959)$

Have a look what the booklet for
Yxy(79.1901, 0.3154, 0.2959)
contains.

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Color

Yxy(79.0149, 0.3157, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBFD
RGB	255, 219, 253
RGB Percent	100%, 86%, 99%
CMY	0.0000, 0.1412, 0.0079
CMYK	0.00, 0.14, 0.01, 0.00
HSL	303°, 100%, 93%
HSV	303°, 14%, 100%
XYZ	84.3021, 79.0149, 103.7154
YIQ	233.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

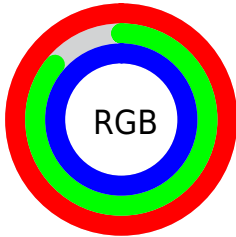
Format	Color
R_{YB}	255, 219, 253
Decimal	16767997
CIE _{Lab}	91.24, 18.15, -11.89
CIE _{LCh}	91, 21.700, 326.786
Yxy	79.0149, 0.3157, 0.2959
Android (android.graphics.Color)	4294958077 (0xFFFFDBFD)
YUV	233.6400, 9.5445, 18.7327
Hunter-Lab	88.8903, 13.7284, -6.9551

Details

The Yxy color $79.0149, 0.3157, 0.2959$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.8025, 0.3098, 0.3645$, and the grayscale version is $81.9123, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.5422, 0.3164, 0.2893$ is the 20% darker color. If you saturate the color by 10%, you get $66.6221, 0.3180, 0.2719$, and if you desaturate by 10%, it is $93.4467, 0.3135, 0.3195$.

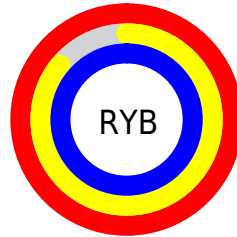
Distribution



Red (100%)

Green (86%)

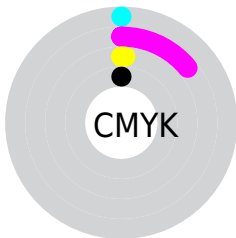
Blue (99%)



Red (100%)

Yellow (86%)

Blue (99%)

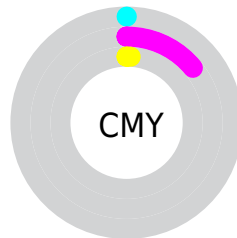


Cyan (0%)

Magenta (14%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0149, 0.3157, 0.2959 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 79.0149, 0.3157, 0.2959 by changing the saturation by 10% instead.


 79.0149, 0.3157,
0.2959

 79.0149, 0.3157,
0.2959


491.6067, 0.3145,
0.3106

 58.9081, 0.3159,
0.2927

131.9798, 0.3153,
0.3009

 42.5391, 0.3162,
0.2888


165.6067, 0.3152,
0.3028

 29.5237, 0.3165,
0.2839


204.5091, 0.3150,
0.3046

 19.4773, 0.3168,
0.2778

249.0713, 0.3149,
0.3061

 12.0157, 0.3172,
0.2697

299.6778, 0.3148,
0.3074

 6.7544, 0.3176,
0.2586

356.7129, 0.3147,

 3.3090, 0.3179,

0.3086

0.2425

420.5611, 0.3146,
0.3096

■ 1.2951, 0.3177,
0.2171

■ 0.1374, 0.3391,
0.0812

■ 79.0149, 0.3157,
0.2959

■ 79.0149, 0.3157,
0.2959

■ 66.6221, 0.3180,
0.2719

■ 93.4467, 0.3135,
0.3195

■ 56.1754, 0.3205,
0.2483

100.0000, 0.3127,
0.3290

■ 47.5754, 0.3231,
0.2259

■ 40.7136, 0.3257,
0.2058

■ 35.4705, 0.3283,
0.1889

■ 31.7111, 0.3307,
0.1760

■ 29.2791, 0.3329,
0.1675

■ 27.9828, 0.3348,
0.1633

■ 27.5906, 0.3358,
0.1624

Harmonies

Analogous

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



79.0149, 0.2908, 0.2873



79.0149, 0.3157, 0.2959



79.0149, 0.3407, 0.3124

Triad

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



79.0149, 0.3157, 0.2959



79.0149, 0.3539, 0.3694



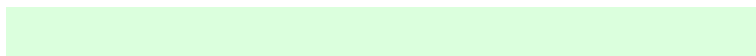
79.0149, 0.2691, 0.3219

Complementary

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



79.0149, 0.3157, 0.2959



91.8025, 0.3098, 0.3645

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.



79.0149, 0.2847, 0.3460



79.0149, 0.3157, 0.2959



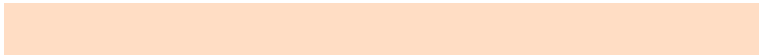
79.0149, 0.3335, 0.3742

Square

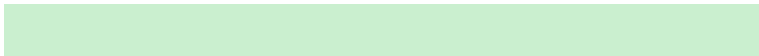
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0149, 0.3157, 0.2959



79.0149, 0.3632, 0.3541



79.0149, 0.3082, 0.3656



79.0149, 0.2647, 0.3011

Rectangle

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



79.0149, 0.3157, 0.2959



79.0149, 0.3537, 0.3261



79.0149, 0.3082, 0.3656



79.0149, 0.2731, 0.3299

Sweetspot

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



79.0151, 0.3157, 0.2959



93.6270, 0.3135, 0.3198



73.2260, 0.2911, 0.2914



19.7917, 0.3137, 0.3180



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.



79.0151, 0.3157, 0.2959



75.2362, 0.3163, 0.2890



77.9346, 0.3277, 0.3130



18.2817, 0.3147, 0.3069



14.4243, 0.3356, 0.1622



1.4096, 0.3337, 0.1612

Inverse Universe

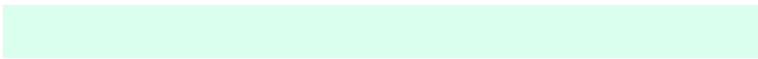
The Inverse Universe completely reimagines the original color for something new.



79.0151, 0.3157, 0.2959



75.2362, 0.3163, 0.2890



92.8008, 0.2999, 0.3456



18.2817, 0.3147, 0.3069



14.4243, 0.3356, 0.1622



1.4096, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 79.0149, 0.3157, 0.2959 looks on a white background.

Color Contrast Check

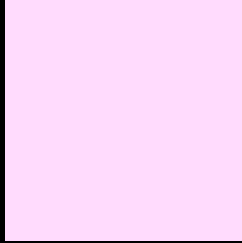
Large Text (above 18pt) WCAG AA × Fail

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 79.0149, 0.3157, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

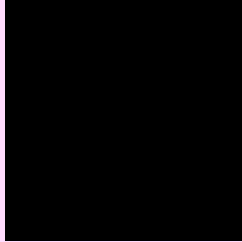
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0149, 0.3157, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 79.0149, 0.3157, 0.2959.

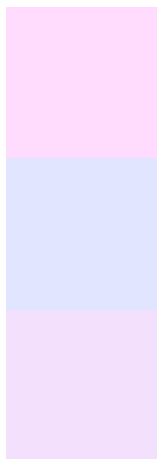


This preview shows how white text looks on a background with the Yxy color 79.0149, 0.3157, 0.2959.

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

79.0149, 0.3157, 0.2959

Protanopia

79.4274, 0.2947, 0.3023

Deuteranopia

79.2168, 0.3072, 0.3010



Tritanopia

78.8275, 0.3235, 0.3112

Trichromacy



Original Color

79.0149, 0.3157, 0.2959

Protanomaly

79.0107, 0.3025, 0.2998

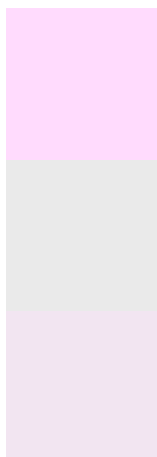
Deuteranomaly

79.0450, 0.3106, 0.2993

Tritanomaly

78.7889, 0.3209, 0.3054

Monochromacy



Original Color

79.0149, 0.3157, 0.2959

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.2667, 0.3140, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0149, 0.3157, 0.2959 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, 219, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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(255, 219, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 253) }
```

Border

The CSS property to change the border of an element to Yxy 79.0149, 0.3157, 0.2959 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, 219, 253) }
```

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

```
.border{ border-color:rgb(255, 219, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0149, 0.3157, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 253) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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