

Converting Colors

$Yxy(79.3793, 0.2925, 0.3172)$

Have a look what the booklet for
Yxy(79.3793, 0.2925, 0.3172)
contains.

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Color

Yxy(79.5843, 0.2924, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	D5EAF5
RGB	213, 234, 245
RGB Percent	84%, 92%, 96%
CMY	0.1648, 0.0823, 0.0392
CMYK	0.13, 0.04, 0.00, 0.04
HSL	201°, 62%, 90%
HSV	201°, 13%, 96%
XYZ	73.3390, 79.5843, 97.8940
YIQ	228.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

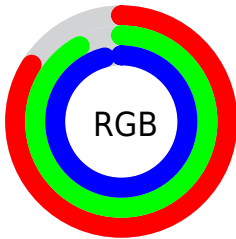
Format	Color
R _{YB}	213, 226, 245
Decimal	14019317
CIE Lab	91.50, -4.75, -7.69
CIE LCh	91, 9.040, 238.287
Yxy	79.5843, 0.2924, 0.3173
Android (android.graphics.Color)	4292209397 (0xFFD5EAF5)
YUV	228.9750, 7.9003, -14.0101
Hunter-Lab	89.2100, -9.3739, -2.6144

Details

The Yxy color **79.5843, 0.2924, 0.3173** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5132, 0.3352, 0.3404**, and the grayscale version is **78.2836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7840, 0.2876, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **71.5198, 0.2768, 0.3073**, and if you desaturate by 10%, it is **88.4363, 0.3080, 0.3264**.

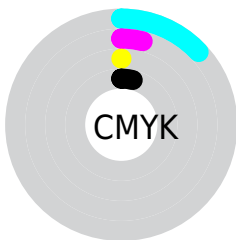
Distribution



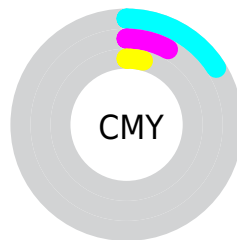
- Red (84%)
- Green (92%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5843, 0.2924, 0.3173 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 79.5843, 0.2924, 0.3173 by changing the saturation by 10% instead.

■ 79.5843, 0.2924,
0.3173

■ 79.5843, 0.2924,
0.3173

493.5308, 0.3016,
0.3227

■ 59.3763, 0.2903,
0.3161

132.7811, 0.2956,
0.3192

■ 42.9161, 0.2878,
0.3146

166.5388, 0.2968,
0.3199

■ 29.8193, 0.2847,
0.3127

205.5818, 0.2979,
0.3205

■ 19.7015, 0.2806,
0.3102

250.2945, 0.2988,
0.3211

■ 12.1782, 0.2752,
0.3068

301.0614, 0.2996,
0.3215

■ 6.8652, 0.2675,
0.3020

358.2668, 0.3004,

■ 3.3779, 0.2560,

0.3220

0.2946

422.2951, 0.3010,
0.3224

■ 1.3321, 0.2368,
0.2817

■ 0.1658, 0.0450,
0.1792

■ 79.5843, 0.2924,
0.3173

■ 79.5843, 0.2924,
0.3173

■ 71.5198, 0.2768,
0.3073

■ 88.4363, 0.3080,
0.3264

■ 64.2051, 0.2615,
0.2963

■ 96.7461, 0.3188,
0.3346

■ 57.6136, 0.2467,
0.2846

■ 99.3736, 0.3185,
0.3386

■ 51.7132, 0.2330,
0.2721

■ 46.4685, 0.2207,
0.2591

■ 41.8405, 0.2102,
0.2458

■ 37.7841, 0.2016,
0.2325

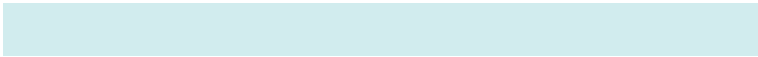
■ 34.2457, 0.1952,
0.2193

■ 32.0466, 0.1918,
0.2104

Harmonies

Analogous

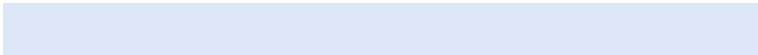
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5843, 0.2941, 0.3259



79.5843, 0.2924, 0.3173



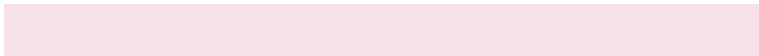
79.5843, 0.2961, 0.3120

Triad

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



79.5843, 0.2924, 0.3173



79.5843, 0.3248, 0.3225



79.5843, 0.3211, 0.3474

Complementary

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



79.5843, 0.2924, 0.3173



77.5132, 0.3352, 0.3404

Split Complementary

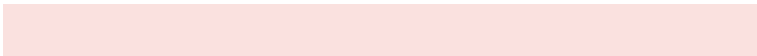
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5843, 0.3295, 0.3461



79.5843, 0.2924, 0.3173



79.5843, 0.3317, 0.3316

Square

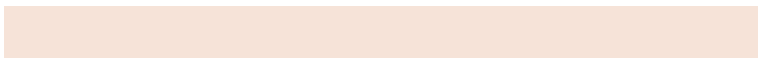
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



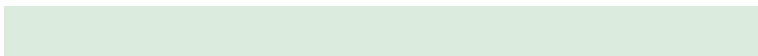
79.5843, 0.2924, 0.3173



79.5843, 0.3147, 0.3151



79.5843, 0.3335, 0.3403



79.5843, 0.3105, 0.3435

Rectangle

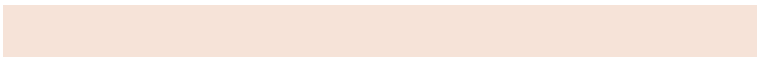
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5843, 0.2924, 0.3173



79.5843, 0.3011, 0.3110



79.5843, 0.3335, 0.3403



79.5843, 0.3243, 0.3475

Sweetspot

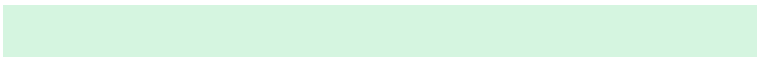
The Sweet Spot groups the original color and five complimentary colors.



79.5876, 0.2924, 0.3173



95.9025, 0.3065, 0.3256



84.8187, 0.3049, 0.3518



20.3655, 0.3054, 0.3249



0.0000, 0.0000, 0.0000



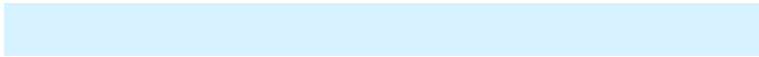
21.4041, 0.3127, 0.3290

Same Dimension

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



79.5876, 0.2924, 0.3173



84.4522, 0.2878, 0.3144



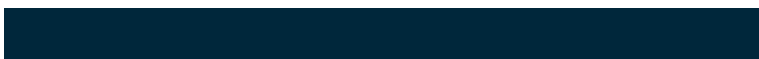
71.0376, 0.2919, 0.3003



17.7438, 0.2980, 0.3207



17.5294, 0.1924, 0.2125



1.7315, 0.1969, 0.2288

Inverse Universe

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



72.9284, 0.3218, 0.3075



75.8048, 0.3241, 0.3025



86.3467, 0.3330, 0.3562



16.6660, 0.3191, 0.3136



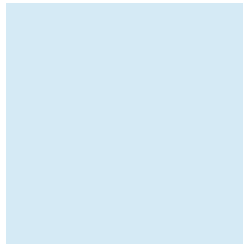
11.8690, 0.4313, 0.2150



1.0624, 0.4139, 0.2054

Previews

White Background



This preview shows how the Yxy color 79.5843, 0.2924, 0.3173 looks on a white background.

Color Contrast Check

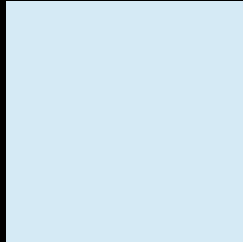
Large Text (above 18pt) WCAG AA × Fail

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 79.5843, 0.2924, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

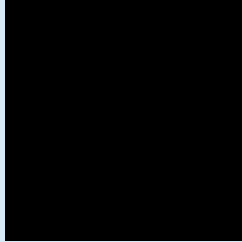
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

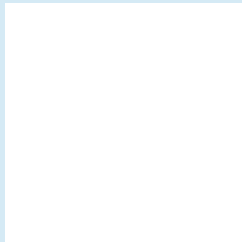
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5843, 0.2924, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 79.5843, 0.2924, 0.3173.

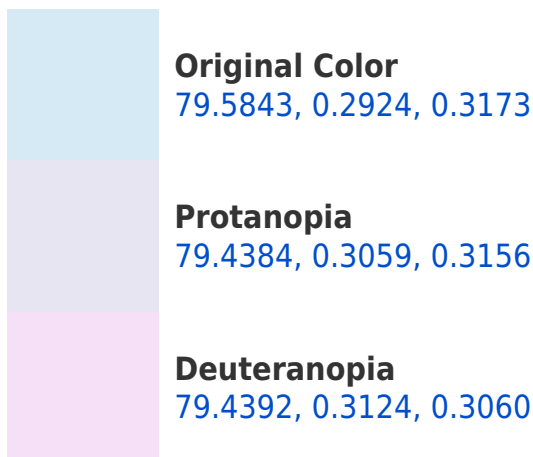


This preview shows how white text looks on a background with the Yxy color 79.5843, 0.2924, 0.3173.

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

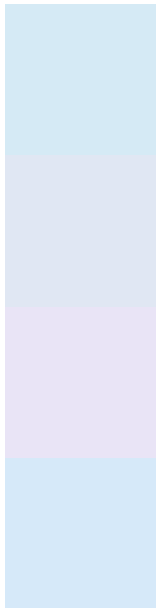




Tritanopia

79.5390, 0.2896, 0.3101

Trichromacy



Original Color

79.5843, 0.2924, 0.3173

Protanomaly

79.4702, 0.3006, 0.3165

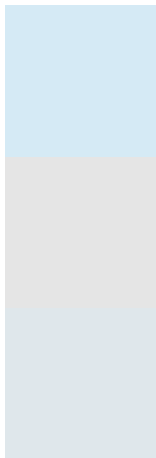
Deuteranomaly

79.4643, 0.3048, 0.3106

Tritanomaly

79.4135, 0.2907, 0.3121

Monochromacy



Original Color

79.5843, 0.2924, 0.3173

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.8380, 0.3048, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5843, 0.2924, 0.3173 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(213, 234, 245)` looks like.

```
.text, #text, p{  
    color:rgb(213, 234, 245)  
}
```

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(213, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 234, 245) }
```

Border

The CSS property to change the border of an element to Yxy 79.5843, 0.2924, 0.3173 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(213, 234, 245) }
```

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

```
.border{ border-color:rgb(213, 234, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 234, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(213, 234,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5843, 0.2924, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 234, 245) }
```

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

```
.background{ background-color: rgb(213,  
234, 245) }
```

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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