

Converting Colors

$Yxy(79.3415, 0.2922, 0.3066)$

Have a look what the booklet for
Yxy(79.3415, 0.2922, 0.3066)
contains.

Yxy(79.3957, 0.2927, 0.3072)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.3957, 0.2927, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	DCE7FC
RGB	220, 231, 252
RGB Percent	86%, 91%, 99%
CMY	0.1374, 0.0940, 0.0119
CMYK	0.13, 0.08, 0.00, 0.01
HSL	219°, 84%, 93%
HSV	219°, 13%, 99%
XYZ	75.6482, 79.3957, 103.4057
YIQ	230.1050, -13.2970, 4.1990

Conversions

Conversions Part 2

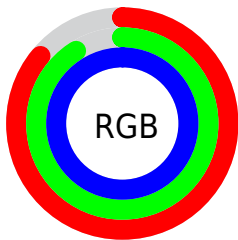
Format	Color
R _Y B	220, 228, 252
Decimal	14477308
CIE Lab	91.41, 0.38, -11.39
CIE LCh	91, 11.400, 271.900
Yxy	79.3957, 0.2927, 0.3072
Android (android.graphics.Color)	4292667388 (0xFFDCE7FC)
YUV	230.1050, 10.7942, -8.8621
Hunter-Lab	89.1043, -4.3886, -6.4332

Details

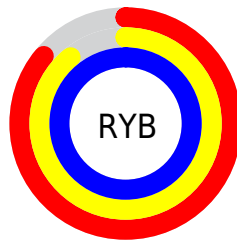
The Yxy color **79.3957, 0.2927, 0.3072** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.7111, 0.3332, 0.3499**, and the grayscale version is **79.1350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5994, 0.2886, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **66.9588, 0.2758, 0.2877**, and if you desaturate by 10%, it is **93.3014, 0.3086, 0.3246**.

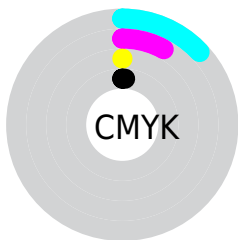
Distribution



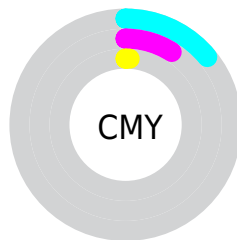
- Red (86%)
- Green (91%)
- Blue (99%)



- Red (86%)
- Yellow (89%)
- Blue (99%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3957, 0.2927, 0.3072 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 79.3957, 0.2927, 0.3072 by changing the saturation by 10% instead.

■ 79.3957, 0.2927,
0.3072

■ 79.3957, 0.2927,
0.3072

492.8940, 0.3018,
0.3171

■ 59.2212, 0.2907,
0.3050

132.5158, 0.2958,
0.3106

■ 42.7912, 0.2882,
0.3023

166.2302, 0.2970,
0.3119

■ 29.7213, 0.2850,
0.2989

205.2266, 0.2981,
0.3131

■ 19.6272, 0.2810,
0.2945

249.8896, 0.2990,
0.3141

■ 12.1243, 0.2756,
0.2886

300.6034, 0.2998,
0.3150

■ 6.8284, 0.2680,
0.2804

357.7524, 0.3006,

■ 3.3550, 0.2566,

0.3158

0.2680

421.7212, 0.3012,
0.3165

■ 1.3198, 0.2375,
0.2475

■ 0.1564, 0.1232,
0.1221

■ 79.3957, 0.2927,
0.3072

■ 79.3957, 0.2927,
0.3072

■ 66.9588, 0.2758,
0.2877

■ 93.3014, 0.3086,
0.3246

■ 55.9305, 0.2581,
0.2661

99.8063, 0.3145,
0.3319

■ 46.2606, 0.2401,
0.2427

■ 37.8920, 0.2223,
0.2179

■ 30.7634, 0.2055,
0.1924

■ 24.8072, 0.1904,
0.1671

■ 19.9485, 0.1779,
0.1432

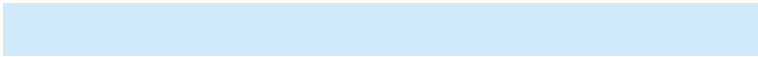
■ 16.1008, 0.1684,
0.1216

■ 13.8532, 0.1633,
0.1078

Harmonies

Analogous

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



79.3957, 0.2874, 0.3131



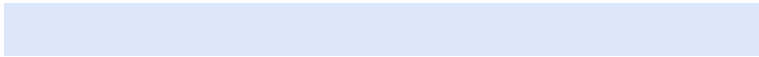
79.3957, 0.2927, 0.3072



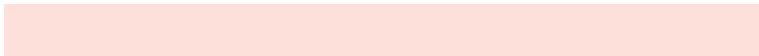
79.3957, 0.3034, 0.3071

Triad

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



79.3957, 0.2927, 0.3072



79.3957, 0.3374, 0.3336



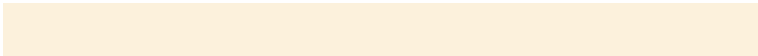
79.3957, 0.3083, 0.3464

Complementary

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



79.3957, 0.2927, 0.3072



88.7111, 0.3332, 0.3499

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.



79.3957, 0.3217, 0.3520



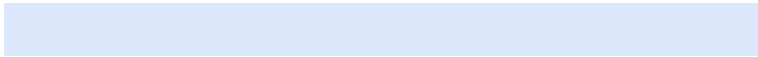
79.3957, 0.2927, 0.3072



79.3957, 0.3387, 0.3443

Square

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



79.3957, 0.2927, 0.3072



79.3957, 0.3293, 0.3221



79.3957, 0.3329, 0.3511



79.3957, 0.2962, 0.3358

Rectangle

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



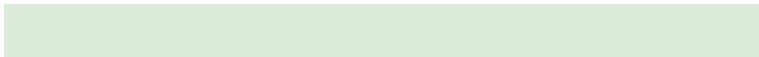
79.3957, 0.2927, 0.3072



79.3957, 0.3122, 0.3101



79.3957, 0.3329, 0.3511



79.3957, 0.3128, 0.3490

Sweetspot

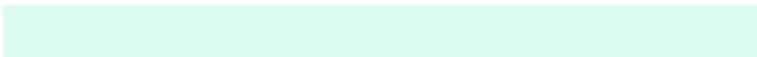
The Sweet Spot groups the original color and five complimentary colors.



79.3990, 0.2927, 0.3072



93.9310, 0.3066, 0.3225



91.1472, 0.2994, 0.3405



19.8668, 0.3054, 0.3212



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.



79.3990, 0.2927, 0.3072



78.5086, 0.2889, 0.3029



74.1612, 0.2956, 0.2957



17.6237, 0.2979, 0.3130



7.4651, 0.1641, 0.1108



0.8808, 0.1707, 0.1344

Inverse Universe

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



77.6259, 0.3283, 0.3180



76.4682, 0.3315, 0.3159



94.5706, 0.3286, 0.3608



17.3242, 0.3239, 0.3208



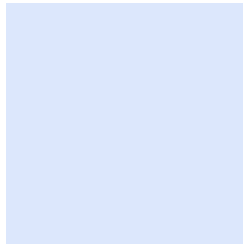
11.1645, 0.5598, 0.2858



1.0531, 0.5266, 0.2675

Previews

White Background



This preview shows how the Yxy color 79.3957, 0.2927, 0.3072 looks on a white background.

Color Contrast Check

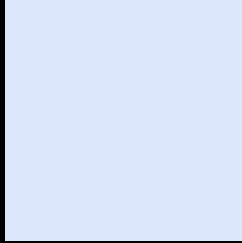
Large Text (above 18pt) WCAG AA × Fail

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 79.3957, 0.2927, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

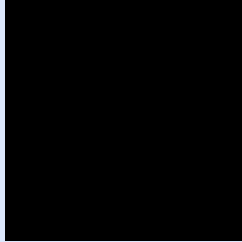
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

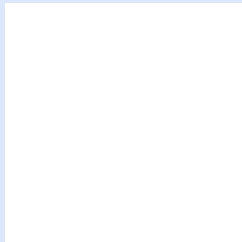
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3957, 0.2927, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 79.3957, 0.2927, 0.3072.

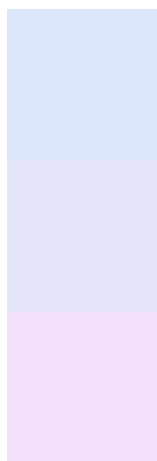


This preview shows how white text looks on a background with the Yxy color 79.3957, 0.2927, 0.3072.

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

79.3957, 0.2927, 0.3072

Protanopia

79.4347, 0.2990, 0.3074

Deuteranopia

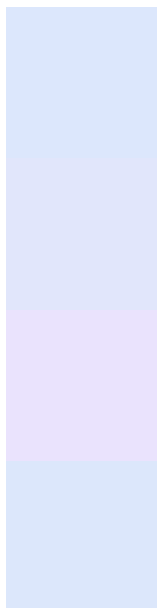
79.2804, 0.3065, 0.3000



Tritanopia

79.2696, 0.2939, 0.3092

Trichromacy



Original Color

79.3957, 0.2927, 0.3072

Protanomaly

79.5662, 0.2965, 0.3073

Deuteranomaly

79.5224, 0.3012, 0.3026

Tritanomaly

79.3325, 0.2933, 0.3082

Monochromacy



Original Color

79.3957, 0.2927, 0.3072

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.9354, 0.3050, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3957, 0.2927, 0.3072 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(220, 231, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 231, 252)  
}
```

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(220, 231, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 231, 252) }
```

Border

The CSS property to change the border of an element to Yxy 79.3957, 0.2927, 0.3072 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(220, 231, 252) }
```

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

```
.border{ border-color:rgb(220, 231, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 231, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 231,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3957, 0.2927, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 231, 252) }
```

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

```
.background{ background-color: rgb(220,  
231, 252) }
```

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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