

Converting Colors

$Yxy(82.1956, 0.2927, 0.3151)$

Have a look what the booklet for
Yxy(82.1956, 0.2927, 0.3151)
contains.

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Color

Yxy(82.3759, 0.2928, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	DAEDFA
RGB	218, 237, 250
RGB Percent	85%, 93%, 98%
CMY	0.1448, 0.0707, 0.0195
CMYK	0.13, 0.05, 0.00, 0.02
HSL	204°, 76%, 92%
HSV	204°, 13%, 98%
XYZ	76.4733, 82.3759, 102.3300
YIQ	232.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

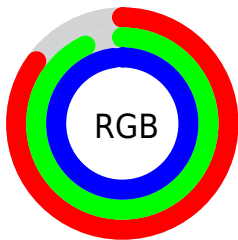
Format	Color
R_{YB}	218, 230, 250
Decimal	14347770
CIE _{Lab}	92.74, -3.67, -8.42
CIE _{LCh}	93, 9.184, 246.477
Y _{xy}	82.3759, 0.2928, 0.3154
Android (android.graphics.Color)	4292537850 (0xFFDAEDFA)
YUV	232.8010, 8.4791, -12.9805
Hunter-Lab	90.7612, -8.4321, -3.3145

Details

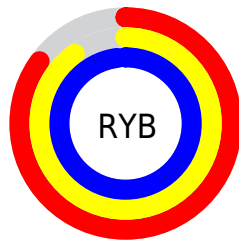
The Yxy color **82.3759, 0.2928, 0.3154** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6153, 0.3343, 0.3422**, and the grayscale version is **81.2839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7293, 0.2881, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **73.0657, 0.2769, 0.3034**, and if you desaturate by 10%, it is **92.6110, 0.3084, 0.3262**.

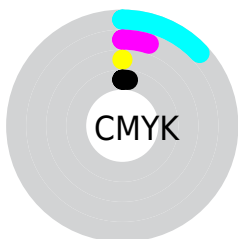
Distribution



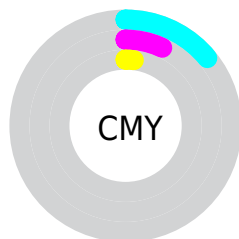
- Red (85%)
- Green (93%)
- Blue (98%)



- Red (85%)
- Yellow (90%)
- Blue (98%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3759, 0.2928, 0.3154 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 82.3759, 0.2928, 0.3154 by changing the saturation by 10% instead.

82.3759, 0.2928,
0.3154

82.3759, 0.2928,
0.3154

502.9042, 0.3018,
0.3216

61.6754, 0.2908,
0.3140

136.7010, 0.2959,
0.3175

44.7705, 0.2884,
0.3123

171.0945, 0.2971,
0.3184

31.2767, 0.2853,
0.3101

210.8210, 0.2981,
0.3191

20.8096, 0.2814,
0.3074

256.2650, 0.2990,
0.3197

12.9849, 0.2762,
0.3036

307.8110, 0.2998,
0.3203

7.4182, 0.2690,
0.2984

365.8432, 0.3005,

3.7250, 0.2582,

0.3208

0.2904

430.7462, 0.3012,
0.3212

■ 1.5209, 0.2405,
0.2768

■ 0.3034, 0.1399,
0.2135

■ 82.3759, 0.2928,
0.3154

■ 82.3759, 0.2928,
0.3154

■ 73.0657, 0.2769,
0.3034

■ 92.6110, 0.3084,
0.3262

■ 64.6386, 0.2611,
0.2903

■ 99.6836, 0.3156,
0.3338

■ 57.0644, 0.2457,
0.2762

■ 50.3070, 0.2311,
0.2611

■ 44.3269, 0.2178,
0.2454

■ 39.0805, 0.2062,
0.2294

■ 34.5181, 0.1966,
0.2134

■ 30.5805, 0.1893,
0.1977

■ 28.0646, 0.1852,
0.1867

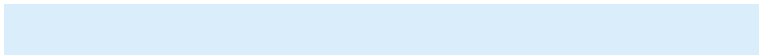
Harmonies

Analogous

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



82.3759, 0.2930, 0.3233



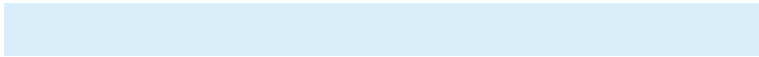
82.3759, 0.2928, 0.3154



82.3759, 0.2978, 0.3113

Triad

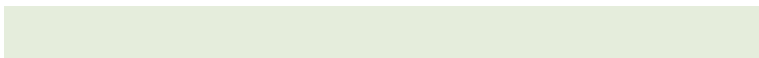
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3759, 0.2928, 0.3154



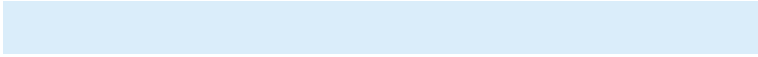
82.3759, 0.3272, 0.3249



82.3759, 0.3183, 0.3469

Complementary

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



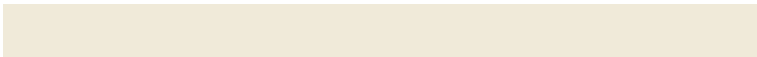
82.3759, 0.2928, 0.3154



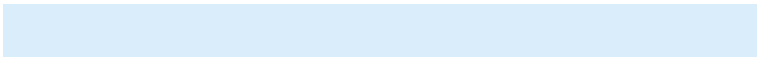
82.6153, 0.3343, 0.3422

Split Complementary

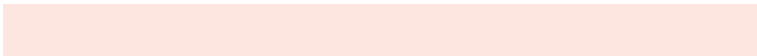
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3759, 0.3277, 0.3470



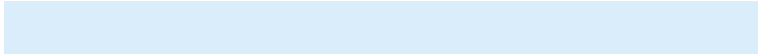
82.3759, 0.2928, 0.3154



82.3759, 0.3329, 0.3342

Square

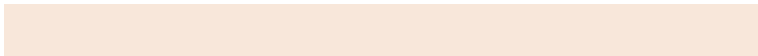
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3759, 0.2928, 0.3154



82.3759, 0.3176, 0.3168



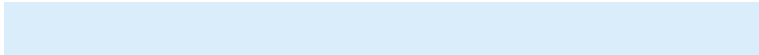
82.3759, 0.3330, 0.3423



82.3759, 0.3076, 0.3417

Rectangle

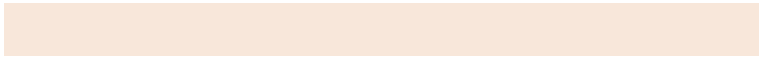
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3759, 0.2928, 0.3154



82.3759, 0.3035, 0.3111



82.3759, 0.3330, 0.3423



82.3759, 0.3217, 0.3475

Sweetspot

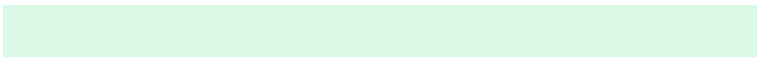
The Sweet Spot groups the original color and five complimentary colors.



82.3793, 0.2928, 0.3154



95.4881, 0.3065, 0.3249



89.0653, 0.3038, 0.3490



20.2606, 0.3054, 0.3242



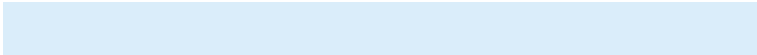
0.0000, 0.0000, 0.0000



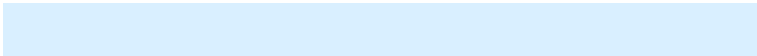
21.4041, 0.3127, 0.3290

Same Dimension

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



82.3793, 0.2928, 0.3154



83.8908, 0.2893, 0.3128



73.6802, 0.2924, 0.2987



18.3506, 0.2980, 0.3191



15.1734, 0.1859, 0.1892



1.6137, 0.1910, 0.2075

Inverse Universe

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



76.6267, 0.3229, 0.3101



77.0116, 0.3250, 0.3066



91.8116, 0.3323, 0.3576



17.3976, 0.3201, 0.3151



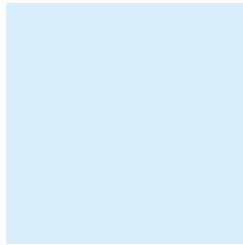
11.9427, 0.4577, 0.2295



1.1271, 0.4368, 0.2180

Previews

White Background



This preview shows how the Yxy color 82.3759, 0.2928, 0.3154 looks on a white background.

Color Contrast Check

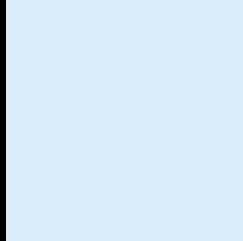
Large Text (above 18pt) WCAG AA × Fail

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 82.3759, 0.2928, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

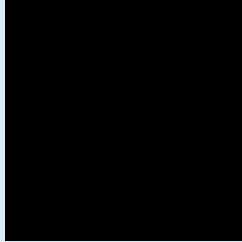
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

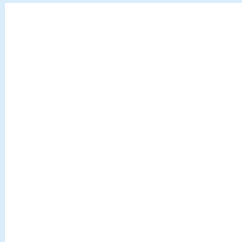
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3759, 0.2928, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 82.3759, 0.2928, 0.3154.



This preview shows how white text looks on a background with the Yxy color 82.3759, 0.2928, 0.3154.

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

82.3759, 0.2928, 0.3154

Protanopia

81.9211, 0.3048, 0.3137

Deuteranopia

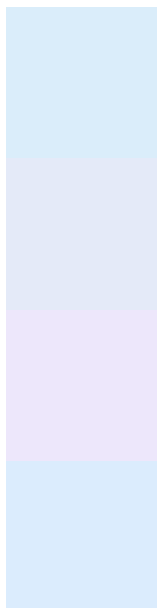
81.9229, 0.3111, 0.3044



Tritanopia

82.2710, 0.2905, 0.3094

Trichromacy



Original Color

82.3759, 0.2928, 0.3154

Protanomaly

82.1169, 0.3002, 0.3146

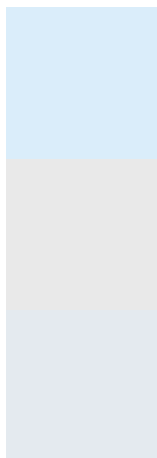
Deuteranomaly

82.1214, 0.3043, 0.3089

Tritanomaly

82.1428, 0.2916, 0.3114

Monochromacy



Original Color

82.3759, 0.2928, 0.3154

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.5716, 0.3056, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3759, 0.2928, 0.3154 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(218, 237, 250)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 250)  
}
```

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(218, 237, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 250) }
```

Border

The CSS property to change the border of an element to Yxy 82.3759, 0.2928, 0.3154 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(218, 237, 250) }
```

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

```
.border{ border-color:rgb(218, 237, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 237, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 250);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3759, 0.2928, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 250) }
```

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

```
.background{ background-color: rgb(218,  
237, 250) }
```

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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