

Converting Colors

$Y_{xy}(58.8896, 0.2610, 0.2949)$

Have a look what the booklet for
Yxy(58.8896, 0.2610, 0.2949)
contains.

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Color

Yxy(58.9845, 0.2610, 0.2950)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9ED1ED |
| RGB | 158, 209, 237 |
| RGB Percent | 62%, 82%, 93% |
| CMY | 0.3805, 0.1804, 0.0705 |
| CMYK | 0.33, 0.12, 0.00, 0.07 |
| HSL | 201°, 69%, 77% |
| HSV | 201°, 33%, 93% |
| XYZ | 52.1863, 58.9845, 88.7767 |
| YIQ | 196.9430, -39.3840, -2.1040 |

Conversions

Conversions Part 2

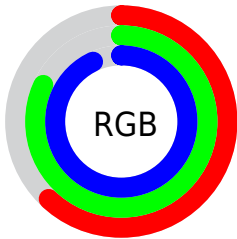
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 158, 189, 237 |
| Decimal | 10408429 |
| CIE _{Lab} | 81.28, -9.90, -19.11 |
| CIE _{LCh} | 81, 21.524, 242.624 |
| Yxy | 58.9845, 0.2610, 0.2950 |
| Android (android.graphics.Color) | 4288598509 (0xFF9ED1ED) |
| YUV | 196.9430, 19.7481, -34.1530 |
| Hunter-Lab | 76.8014, -13.1122, -14.7739 |

Details

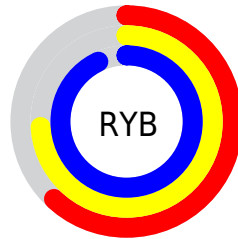
The Yxy color **58.9845, 0.2610, 0.2950** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.5945, 0.3804, 0.3605**, and the grayscale version is **55.6942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **29.7219, 0.2488, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **52.7959, 0.2462, 0.2828**, and if you desaturate by 10%, it is **65.8587, 0.2764, 0.3063**.

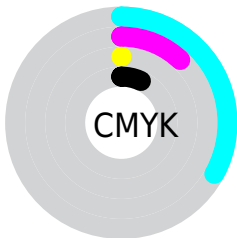
Distribution



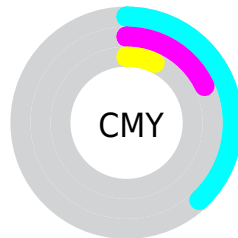
- Red (62%)
- Green (82%)
- Blue (93%)



- Red (62%)
- Yellow (74%)
- Blue (93%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)





- Cyan (38%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9845, 0.2610, 0.2950 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 58.9845, 0.2610, 0.2950 by changing the saturation by 10% instead.


 58.9845, 0.2610,
0.2950


 58.9845, 0.2610,
0.2950


420.8445, 0.2854,
0.3115

 42.6006, 0.2554,
0.2910


 103.3551, 0.2695,
0.3009

 29.5719, 0.2483,
0.2860


 132.1107, 0.2728,
0.3031

 19.5139, 0.2394,
0.2796


165.7590, 0.2756,
0.3051

 12.0422, 0.2277,
0.2709


204.6843, 0.2781,
0.3067

 6.7724, 0.2117,
0.2586

249.2711, 0.2803,
0.3082

 3.3202, 0.1887,
0.2402

299.9039, 0.2822,

 1.3011, 0.1534,

0.3094

0.2101

356.9668, 0.2838,
0.3105

0.1420, 0.0000,
0.0819

0.0000, 0.0000,
0.0000

58.9845, 0.2610,
0.2950

58.9845, 0.2610,
0.2950

52.7959, 0.2462,
0.2828

65.8587, 0.2764,
0.3063

47.2559, 0.2324,
0.2699

73.4394, 0.2920,
0.3167

42.3339, 0.2200,
0.2565

81.7550, 0.3076,
0.3261

37.9933, 0.2093,
0.2428

90.8299, 0.3228,
0.3345

■ 34.1923, 0.2007,
0.2290

■ 96.3812, 0.3235,
0.3426

■ 30.8808, 0.1941,
0.2154

■ 98.8961, 0.3232,
0.3463

■ 28.9010, 0.1907,
0.2066

Harmonies

Analogous

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



58.9845, 0.2632, 0.3161



58.9845, 0.2610, 0.2950



58.9845, 0.2719, 0.2840

Triad

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



58.9845, 0.2610, 0.2950



58.9845, 0.3479, 0.3151



58.9845, 0.3302, 0.3779

Complementary

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



58.9845, 0.2610, 0.2950



55.5945, 0.3804, 0.3605

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.



58.9845, 0.3541, 0.3752



58.9845, 0.2610, 0.2950



58.9845, 0.3649, 0.3382

Square

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



58.9845, 0.2610, 0.2950



58.9845, 0.3215, 0.2959



58.9845, 0.3671, 0.3601



58.9845, 0.3023, 0.3658

Rectangle

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



58.9845, 0.2610, 0.2950



58.9845, 0.2854, 0.2832



58.9845, 0.3671, 0.3601



58.9845, 0.3390, 0.3786

Sweetspot

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



58.9868, 0.2610, 0.2950



89.8481, 0.2972, 0.3199



71.3819, 0.2927, 0.3926



18.9411, 0.2950, 0.3185



0.0000, 0.0000, 0.0000



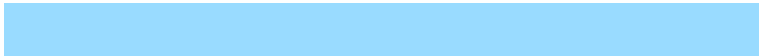
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9868, 0.2610, 0.2950



64.5736, 0.2508, 0.2868



42.0699, 0.2546, 0.2449



16.1713, 0.2981, 0.3204



16.0309, 0.1913, 0.2088



1.4389, 0.1965, 0.2273

Inverse Universe

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



47.0587, 0.3410, 0.2735



49.1487, 0.3488, 0.2621



74.4203, 0.3668, 0.4010



15.2178, 0.3192, 0.3139



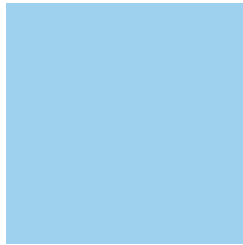
11.1111, 0.4355, 0.2173



0.8907, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 58.9845, 0.2610, 0.2950 looks on a white background.

Color Contrast Check

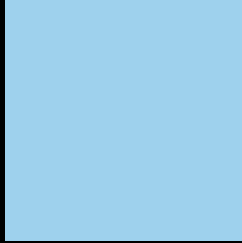
Large Text (above 18pt) WCAG AA × Fail

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 58.9845, 0.2610, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

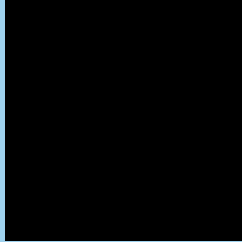
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9845, 0.2610, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 58.9845, 0.2610, 0.2950.



This preview shows how white text looks on a background with the Yxy color 58.9845, 0.2610, 0.2950.

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

58.9845, 0.2610, 0.2950

Protanopia

58.8138, 0.2884, 0.2932

Deuteranopia

58.7803, 0.2867, 0.2806



Tritanopia

59.2025, 0.2657, 0.3092

Trichromacy



Original Color

58.9845, 0.2610, 0.2950

Protanomaly

58.5401, 0.2777, 0.2936

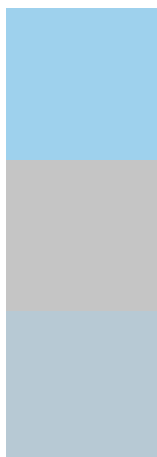
Deuteranomaly

58.4444, 0.2765, 0.2849

Tritanomaly

59.0308, 0.2639, 0.3032

Monochromacy



Original Color

58.9845, 0.2610, 0.2950

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5940, 0.2916, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9845, 0.2610, 0.2950 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(158, 209, 237)` looks like.

```
.text, #text, p{  
    color:rgb(158, 209, 237)  
}
```

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(158, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 209, 237) }
```

Border

The CSS property to change the border of an element to Yxy 58.9845, 0.2610, 0.2950 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(158, 209, 237) }
```

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

```
.border{ border-color:rgb(158, 209, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 209, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(158, 209,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9845, 0.2610, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 209, 237) }
```

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

```
.background{ background-color: rgb(158,  
209, 237) }
```

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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