

Converting Colors

$Yxy(78.0943, 0.2582, 0.3288)$

Have a look what the booklet for
Yxy(78.0943, 0.2582, 0.3288)
contains.

| | |
|------------------------------------------------|----|
| Yxy(78.1933, 0.2580, 0.3288) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(78.1933, 0.2580, 0.3288)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 94F5F5 |
| RGB | 148, 245, 245 |
| RGB Percent | 58%, 96%, 96% |
| CMY | 0.4194, 0.0392, 0.0391 |
| CMYK | 0.40, 0.00, 0.00, 0.04 |
| HSL | 180°, 83%, 77% |
| HSV | 180°, 40%, 96% |
| XYZ | 61.3561, 78.1933, 98.2648 |
| YIQ | 215.9970, -57.8120, -20.5640 |

Conversions

Conversions Part 2

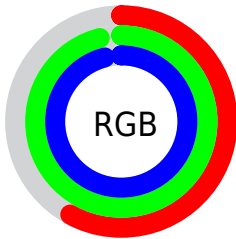
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 148, 197, 245 |
| Decimal | 9762293 |
| CIELab | 90.87, -28.51, -9.02 |
| CIElCh | 91, 29.905, 197.555 |
| Yxy | 78.1933, 0.2580, 0.3288 |
| Android (android.graphics.Color) | 4287952373 (0xFF94F5F5) |
| YUV | 215.9970, 14.2985, -59.6334 |
| Hunter-Lab | 88.4270, -30.8930, -3.9874 |

Details

The Yxy color **78.1933, 0.2580, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.7632, 0.4129, 0.3293**, and the grayscale version is **68.6079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **41.8142, 0.2457, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **76.1423, 0.2478, 0.3288**, and if you desaturate by 10%, it is **80.7340, 0.2699, 0.3288**.

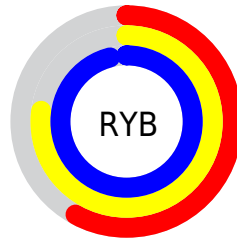
Distribution



Red (58%)

Green (96%)

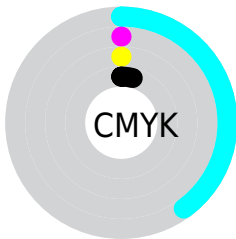
Blue (96%)



Red (58%)

Yellow (77%)

Blue (96%)

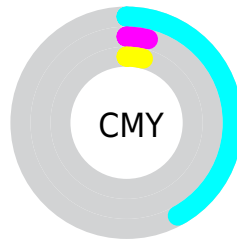


Cyan (40%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (42%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1933, 0.2580, 0.3288 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 78.1933, 0.2580, 0.3288 by changing the saturation by 10% instead.


 78.1933, 0.2580,
0.3288


 78.1933, 0.2580,
0.3288


488.8230, 0.2826,
0.3294

 58.2328, 0.2526,
0.3285


 130.8226, 0.2664,
0.3291

 41.9958, 0.2460,
0.3282


 164.2601, 0.2697,
0.3292

 29.0980, 0.2377,
0.3276

202.9588, 0.2725,
0.3293

 19.1550, 0.2272,
0.3268

247.3030, 0.2750,
0.3293

 11.7823, 0.2134,
0.3253

297.6772, 0.2773,
0.3293

 6.5956, 0.1944,
0.3228

354.4656, 0.2792,

 3.2105, 0.1669,

0.3294

418.0528, 0.2810,
0.3294

0.3178

1.2426, 0.1120,
0.3109

0.0961, 0.0000,
0.1156

78.1933, 0.2580,
0.3288

78.1933, 0.2580,
0.3288

76.1423, 0.2478,
0.3288

80.7340, 0.2699,
0.3288

74.5412, 0.2394,
0.3287

83.7834, 0.2834,
0.3289

73.3585, 0.2330,
0.3287

87.3704, 0.2979,
0.3289

72.5553, 0.2285,
0.3287

91.5192, 0.3134,
0.3290

72.0849, 0.2259,
0.3287

93.1799, 0.3192,
0.3290

71.8731, 0.2247,
0.3286

93.1848, 0.3192,
0.3290

71.8662, 0.2246,
0.3286

93.1896, 0.3192,
0.3290

93.1945, 0.3192,
0.3291

93.1994, 0.3192,
0.3291

Harmonies

Analogous

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



78.1933, 0.2830, 0.3624



78.1933, 0.2580, 0.3288



78.1933, 0.2473, 0.2976

Triad

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



78.1933, 0.2580, 0.3288



78.1933, 0.3054, 0.2793



78.1933, 0.3754, 0.3788

Complementary

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



78.1933, 0.2580, 0.3288



42.7632, 0.4129, 0.3293

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.



78.1933, 0.3828, 0.3542



78.1933, 0.2580, 0.3288



78.1933, 0.3412, 0.2985

Square

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



78.1933, 0.2580, 0.3288



78.1933, 0.2735, 0.2714



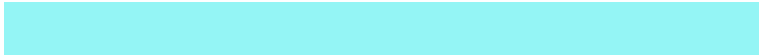
78.1933, 0.3702, 0.3252



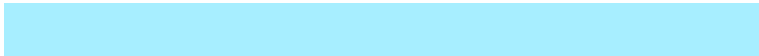
78.1933, 0.3508, 0.3917

Rectangle

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



78.1933, 0.2580, 0.3288



78.1933, 0.2492, 0.2827



78.1933, 0.3702, 0.3252



78.1933, 0.3800, 0.3715

Sweetspot

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



78.1964, 0.2580, 0.3288



94.6449, 0.2943, 0.3289



73.7612, 0.3070, 0.4508



20.1447, 0.2923, 0.3289



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.



78.1964, 0.2580, 0.3288



83.8783, 0.2501, 0.3288



52.6186, 0.2488, 0.2696



18.7569, 0.2981, 0.3290



38.7069, 0.2246, 0.3286



3.4023, 0.2246, 0.3287

Inverse Universe

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



47.2057, 0.3173, 0.2314



45.8473, 0.3181, 0.2146



61.2806, 0.3912, 0.3813



16.7682, 0.3138, 0.3057



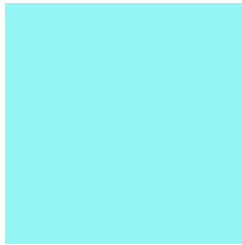
14.0069, 0.3210, 0.1542



1.2311, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 78.1933, 0.2580, 0.3288 looks on a white background.

Color Contrast Check

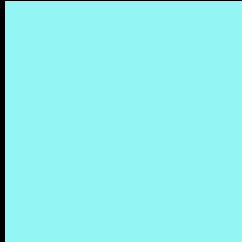
Large Text (above 18pt) WCAG AA × Fail

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 78.1933, 0.2580, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

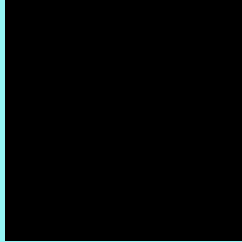
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1933, 0.2580, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 78.1933, 0.2580, 0.3288.

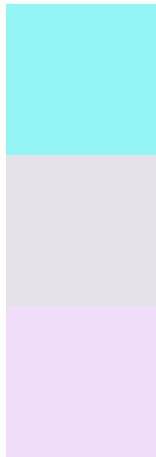


This preview shows how white text looks on a background with the Yxy color 78.1933, 0.2580, 0.3288.

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

78.1933, 0.2580, 0.3288

Protanopia

77.1562, 0.3103, 0.3206

Deuteranopia

76.9658, 0.3065, 0.2997



Tritanopia

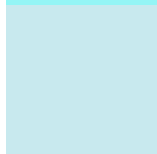
77.7237, 0.2639, 0.3112

Trichromacy



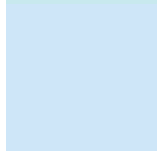
Original Color

78.1933, 0.2580, 0.3288



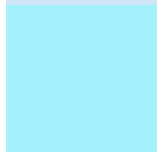
Protanomaly

76.7302, 0.2883, 0.3235



Deuteranomaly

76.4928, 0.2862, 0.3096



Tritanomaly

77.6622, 0.2616, 0.3176

Monochromacy



Original Color

78.1933, 0.2580, 0.3288



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.5606, 0.2888, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1933, 0.2580, 0.3288 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(148, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(148, 245, 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(148, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 245, 245) }
```

Border

The CSS property to change the border of an element to Yxy 78.1933, 0.2580, 0.3288 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(148, 245, 245) }
```

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

```
.border{ border-color:rgb(148, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 245, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 245, 245); box-shadow:4px 4px 4px 4px rgb(148, 245, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1933, 0.2580, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 245, 245) }
```

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

```
.background{ background-color: rgb(148,  
245, 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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