

Converting Colors

$Yxy(67.0707, 0.2580, 0.3110)$

Have a look what the booklet for
Yxy(67.0707, 0.2580, 0.3110)
contains.

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Color

Yxy(67.3229, 0.2580, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	97E2F1
RGB	151, 226, 241
RGB Percent	59%, 89%, 95%
CMY	0.4078, 0.1137, 0.0550
CMYK	0.37, 0.06, 0.00, 0.06
HSL	190°, 76%, 77%
HSV	190°, 37%, 94%
XYZ	55.8319, 67.3229, 93.2480
YIQ	205.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

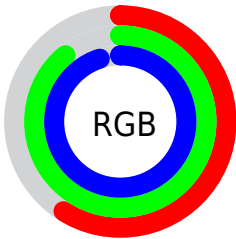
Format	Color
RYB	151, 192, 241
Decimal	9954033
CIELab	85.67, -19.47, -14.64
CIElCh	86, 24.362, 216.939
Yxy	67.3229, 0.2580, 0.3111
Android (android.graphics.Color)	4288144113 (0xFF97E2F1)
YUV	205.2850, 17.6075, -47.6079
Hunter-Lab	82.0505, -22.1267, -9.9459

Details

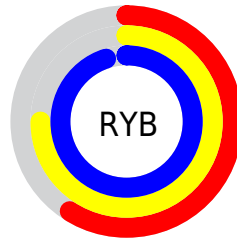
The Yxy color **67.3229, 0.2580, 0.3111** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.1894, 0.3982, 0.3459**, and the grayscale version is **61.1510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **35.0615, 0.2453, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **63.0964, 0.2456, 0.3055**, and if you desaturate by 10%, it is **72.0768, 0.2716, 0.3164**.

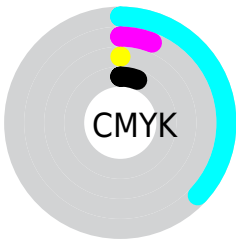
Distribution



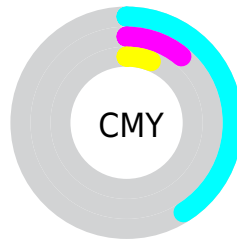
- Red (59%)
- Green (89%)
- Blue (95%)



- Red (59%)
- Yellow (75%)
- Blue (95%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)





- Cyan (41%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3229, 0.2580, 0.3111 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 67.3229, 0.2580, 0.3111 by changing the saturation by 10% instead.


 67.3229, 0.2580,
0.3111


 67.3229, 0.2580,
0.3111


451.0933, 0.2832,
0.3200

 49.3471, 0.2523,
0.3089


 115.3830, 0.2667,
0.3143

 34.8949, 0.2453,
0.3062


 146.2360, 0.2701,
0.3155

 23.5819, 0.2365,
0.3025


182.1503, 0.2730,
0.3166

 15.0238, 0.2252,
0.2976

223.5101, 0.2756,
0.3174

 8.8361, 0.2099,
0.2906

270.6999, 0.2778,
0.3182

 4.6344, 0.1885,
0.2799

324.1041, 0.2798,

 2.0344, 0.1568,

0.3189

0.2618

384.1071, 0.2816,
0.3195

0.6273, 0.0454,
0.2357

0.0000, 0.0000,
0.0000

67.3229, 0.2580,
0.3111

67.3229, 0.2580,
0.3111

63.0964, 0.2456,
0.3055

72.0768, 0.2716,
0.3164

59.3601, 0.2348,
0.2997

77.3769, 0.2862,
0.3214

56.0843, 0.2258,
0.2937

83.2508, 0.3014,
0.3259

53.2322, 0.2187,
0.2877

89.7216, 0.3169,
0.3301

■ 50.7607, 0.2136,
0.2817

■ 93.5493, 0.3216,
0.3339

■ 48.6135, 0.2102,
0.2757

■ 96.0144, 0.3213,
0.3378

■ 48.0732, 0.2095,
0.2742

■ 98.5325, 0.3209,
0.3416

■ 99.1292, 0.3209,
0.3425

Harmonies

Analogous

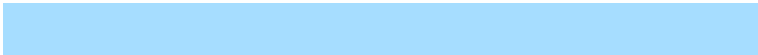
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.3229, 0.2721, 0.3394



67.3229, 0.2580, 0.3111



67.3229, 0.2577, 0.2897

Triad

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



67.3229, 0.2580, 0.3111



67.3229, 0.3266, 0.2958



67.3229, 0.3543, 0.3804

Complementary

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



67.3229, 0.2580, 0.3111



48.1894, 0.3982, 0.3459

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.



67.3229, 0.3706, 0.3655



67.3229, 0.2580, 0.3111



67.3229, 0.3543, 0.3173

Square

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



67.3229, 0.2580, 0.3111



67.3229, 0.2961, 0.2823



67.3229, 0.3707, 0.3423



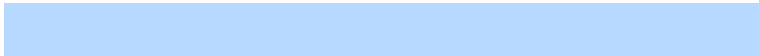
67.3229, 0.3272, 0.3812

Rectangle

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



67.3229, 0.2580, 0.3111



67.3229, 0.2654, 0.2817



67.3229, 0.3707, 0.3423



67.3229, 0.3613, 0.3767

Sweetspot

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



67.3255, 0.2580, 0.3111



92.1222, 0.2957, 0.3243



72.1716, 0.3002, 0.4252



19.5223, 0.2936, 0.3237



0.0000, 0.0000, 0.0000



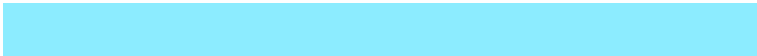
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3255, 0.2580, 0.3111



72.7592, 0.2482, 0.3068



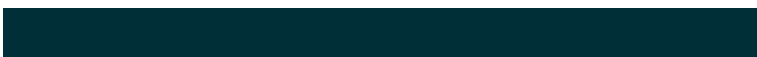
46.5854, 0.2500, 0.2562



17.4552, 0.2981, 0.3250



26.2474, 0.2098, 0.2751



2.3012, 0.2119, 0.2830

Inverse Universe

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



46.3204, 0.3300, 0.2503



46.1405, 0.3345, 0.2346



66.7678, 0.3804, 0.3921



15.9836, 0.3163, 0.3095



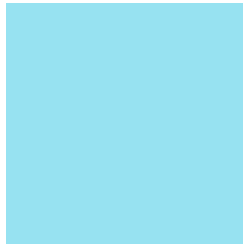
12.4430, 0.3680, 0.1801



1.0470, 0.3607, 0.1761

Previews

White Background



This preview shows how the Yxy color 67.3229, 0.2580, 0.3111 looks on a white background.

Color Contrast Check

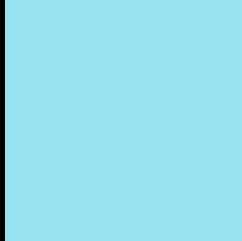
Large Text (above 18pt) WCAG AA × Fail

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 67.3229, 0.2580, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

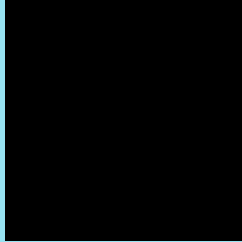
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3229, 0.2580, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 67.3229, 0.2580, 0.3111.

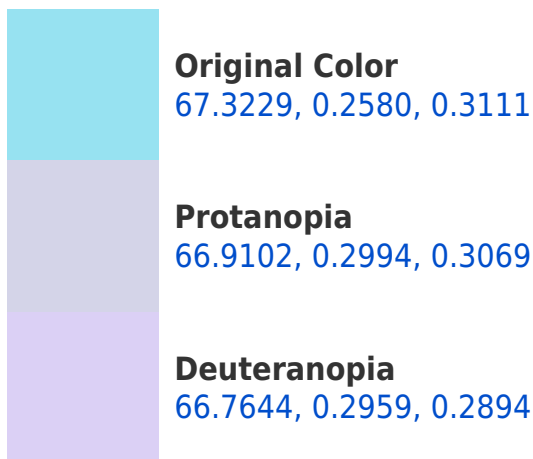


This preview shows how white text looks on a background with the Yxy color 67.3229, 0.2580, 0.3111.

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

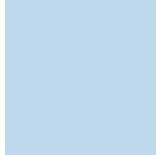
67.5998, 0.2570, 0.3076

Trichromacy



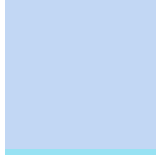
Original Color

67.3229, 0.2580, 0.3111



Protanomaly

66.5710, 0.2828, 0.3084



Deuteranomaly

66.6019, 0.2799, 0.2965



Tritanomaly

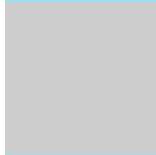
67.5392, 0.2575, 0.3088

Monochromacy



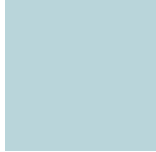
Original Color

67.3229, 0.2580, 0.3111



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.9647, 0.2896, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3229, 0.2580, 0.3111 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(151, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(151, 226, 241)  
}
```

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(151, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 226, 241) }
```

Border

The CSS property to change the border of an element to Yxy 67.3229, 0.2580, 0.3111 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(151, 226, 241) }
```

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

```
.border{ border-color:rgb(151, 226, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 226, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 226, 241); box-shadow:4px 4px 4px 4px rgb(151, 226, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3229, 0.2580, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 226, 241) }
```

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

```
.background{ background-color: rgb(151,  
226, 241) }
```

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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