

Converting Colors

$Yxy(70.3933, 0.2589, 0.3048)$

Have a look what the booklet for
Yxy(70.3933, 0.2589, 0.3048)
contains.

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Color

Yxy(70.4143, 0.2587, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	A0E5FA
RGB	160, 229, 250
RGB Percent	63%, 90%, 98%
CMY	0.3723, 0.1020, 0.0195
CMYK	0.36, 0.08, 0.00, 0.02
HSL	194°, 90%, 80%
HSV	194°, 36%, 98%
XYZ	59.7840, 70.4143, 100.8956
YIQ	210.7630, -47.8650, -8.0970

Conversions

Conversions Part 2

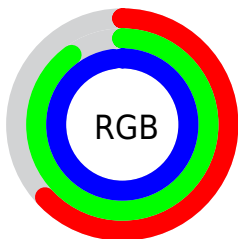
Format	Color
R _Y B	160, 199, 250
Decimal	10544634
CIE Lab	87.20, -16.42, -17.05
CIE LCh	87, 23.677, 226.080
Yxy	70.4143, 0.2587, 0.3047
Android (android.graphics.Color)	4288734714 (0xFFA0E5FA)
YUV	210.7630, 19.3438, -44.5192
Hunter-Lab	83.9132, -19.6758, -12.5498

Details

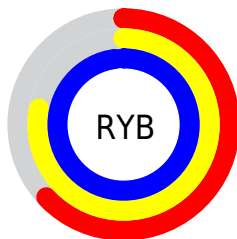
The Yxy color **70.4143, 0.2587, 0.3047** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.9563, 0.3918, 0.3517**, and the grayscale version is **64.8821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **36.7252, 0.2458, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **64.9126, 0.2454, 0.2967**, and if you desaturate by 10%, it is **76.5487, 0.2730, 0.3122**.

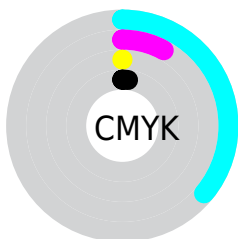
Distribution



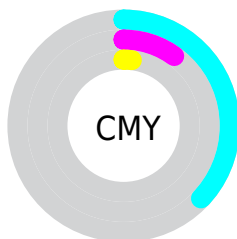
- Red (63%)
- Green (90%)
- Blue (98%)



- Red (63%)
- Yellow (78%)
- Blue (98%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)





- Cyan (37%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4143, 0.2587, 0.3047 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 70.4143, 0.2587, 0.3047 by changing the saturation by 10% instead.

 70.4143, 0.2587,
0.3047

 70.4143, 0.2587,
0.3047


462.0033, 0.2833,
0.3164

 51.8644, 0.2532,
0.3019

 119.7994, 0.2672,
0.3089

 36.8970, 0.2464,
0.2984


 151.4033, 0.2705,
0.3105

 25.1277, 0.2380,
0.2939


188.1274, 0.2733,
0.3118

 16.1722, 0.2271,
0.2879

230.3560, 0.2758,
0.3130

 9.6461, 0.2126,
0.2796

278.4735, 0.2780,
0.3140

 5.1650, 0.1926,
0.2673

332.8643, 0.2800,

 2.3444, 0.1632,

0.3149

0.2475

393.9128, 0.2818,
0.3157

0.7970, 0.0969,
0.2165

0.0000, 0.0000,
0.0000

70.4143, 0.2587,
0.3047

70.4143, 0.2587,
0.3047

64.9126, 0.2454,
0.2967

76.5487, 0.2730,
0.3122

60.0029, 0.2335,
0.2884

83.3370, 0.2880,
0.3191

55.6523, 0.2233,
0.2798

90.8097, 0.3034,
0.3255

51.8207, 0.2150,
0.2710

98.0163, 0.3157,
0.3313

■ 48.4612, 0.2086,
0.2622

■ 99.6832, 0.3156,
0.3338

■ 45.5158, 0.2042,
0.2536

■ 44.4126, 0.2028,
0.2501

Harmonies

Analogous

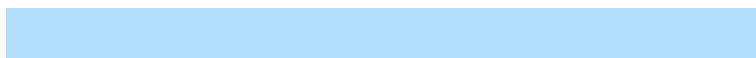
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4143, 0.2684, 0.3305



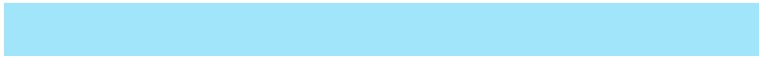
70.4143, 0.2587, 0.3047



70.4143, 0.2626, 0.2872

Triad

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



70.4143, 0.2587, 0.3047



70.4143, 0.3348, 0.3028



70.4143, 0.3455, 0.3800

Complementary

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



70.4143, 0.2587, 0.3047



55.9563, 0.3918, 0.3517

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.



70.4143, 0.3648, 0.3695



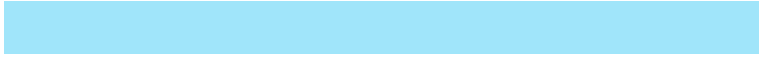
70.4143, 0.2587, 0.3047



70.4143, 0.3588, 0.3250

Square

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



70.4143, 0.2587, 0.3047



70.4143, 0.3055, 0.2871



70.4143, 0.3699, 0.3491



70.4143, 0.3178, 0.3760

Rectangle

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



70.4143, 0.2587, 0.3047



70.4143, 0.2725, 0.2819



70.4143, 0.3699, 0.3491



70.4143, 0.3532, 0.3780

Sweetspot

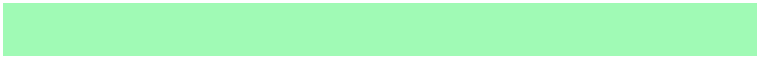
The Sweet Spot groups the original color and five complimentary colors.



70.4171, 0.2587, 0.3047



90.9499, 0.2957, 0.3224



79.2015, 0.2967, 0.4119



19.2415, 0.2936, 0.3215



0.0000, 0.0000, 0.0000



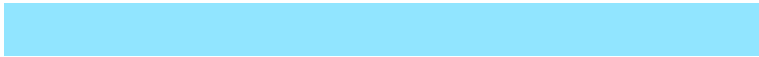
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4171, 0.2587, 0.3047



69.5127, 0.2492, 0.2991



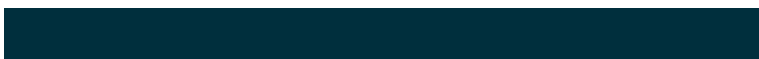
48.6893, 0.2510, 0.2498



18.8802, 0.2980, 0.3233



23.7853, 0.2032, 0.2516



2.3635, 0.2061, 0.2619

Inverse Universe

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



51.1505, 0.3344, 0.2586



47.2955, 0.3400, 0.2451



77.2778, 0.3750, 0.3971



17.4511, 0.3174, 0.3110



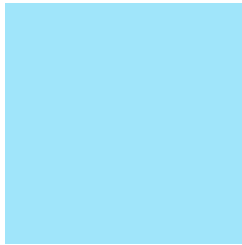
12.8120, 0.3907, 0.1926



1.2028, 0.3806, 0.1870

Previews

White Background



This preview shows how the Yxy color 70.4143, 0.2587, 0.3047 looks on a white background.

Color Contrast Check

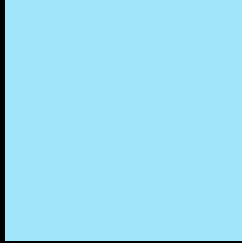
Large Text (above 18pt) WCAG AA × Fail

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 70.4143, 0.2587, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

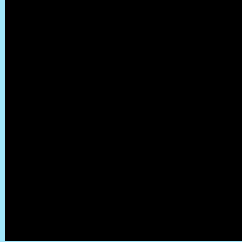
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4143, 0.2587, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 70.4143, 0.2587, 0.3047.

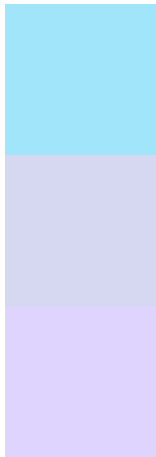


This preview shows how white text looks on a background with the Yxy color 70.4143, 0.2587, 0.3047.

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

70.4143, 0.2587, 0.3047

Protanopia

69.8187, 0.2944, 0.3009

Deuteranopia

69.7723, 0.2923, 0.2850



Tritanopia

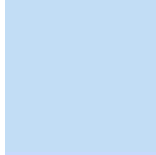
70.2895, 0.2597, 0.3070

Trichromacy



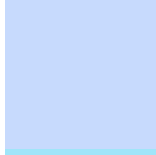
Original Color

70.4143, 0.2587, 0.3047



Protanomaly

69.7748, 0.2798, 0.3023



Deuteranomaly

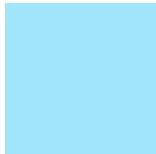
69.3768, 0.2782, 0.2908



Tritanomaly

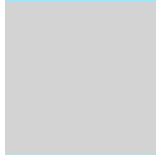
70.3518, 0.2592, 0.3058

Monochromacy



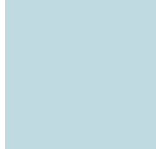
Original Color

70.4143, 0.2587, 0.3047



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

66.7855, 0.2902, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4143, 0.2587, 0.3047 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(160, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(160, 229, 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(160, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 229, 250) }
```

Border

The CSS property to change the border of an element to Yxy 70.4143, 0.2587, 0.3047 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(160, 229, 250) }
```

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

```
.border{ border-color:rgb(160, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(160, 229,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4143, 0.2587, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 229, 250) }
```

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

```
.background{ background-color: rgb(160,  
229, 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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