

Converting Colors

$Yxy(70.0989, 0.2487, 0.3052)$

Have a look what the booklet for
Yxy(70.0989, 0.2487, 0.3052)
contains.

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Color

Yxy(70.3169, 0.2487, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	8CE8FC
RGB	140, 232, 252
RGB Percent	55%, 91%, 99%
CMY	0.4504, 0.0903, 0.0117
CMYK	0.44, 0.08, 0.00, 0.01
HSL	191°, 95%, 77%
HSV	191°, 44%, 99%
XYZ	57.2620, 70.3169, 102.6664
YIQ	206.7720, -61.2520, -13.2840

Conversions

Conversions Part 2

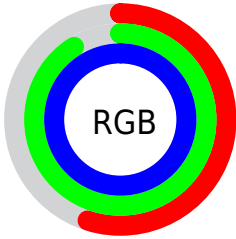
Format	Color
RYB	140, 191, 252
Decimal	9234684
CIELab	87.15, -22.33, -18.27
CIELCh	87, 28.851, 219.291
Yxy	70.3169, 0.2487, 0.3054
Android (android.graphics.Color)	4287424764 (0xFF8CE8FC)
YUV	206.7720, 22.2974, -58.5590
Hunter-Lab	83.8552, -24.8547, -13.8919

Details

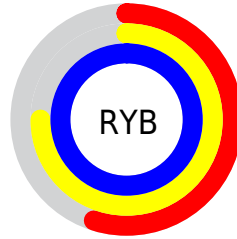
The Yxy color **70.3169, 0.2487, 0.3054** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.8016, 0.4217, 0.3505**, and the grayscale version is **62.1478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **36.7401, 0.2344, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **65.8639, 0.2372, 0.2992**, and if you desaturate by 10%, it is **75.3421, 0.2616, 0.3114**.

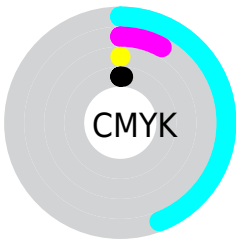
Distribution



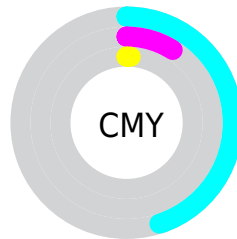
- Red (55%)
- Green (91%)
- Blue (99%)



- Red (55%)
- Yellow (75%)
- Blue (99%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)





- Cyan (45%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3169, 0.2487, 0.3054 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 70.3169, 0.2487, 0.3054 by changing the saturation by 10% instead.


 70.3169, 0.2487,
0.3054


 70.3169, 0.2487,
0.3054


461.6619, 0.2777,
0.3170

 51.7849, 0.2422,
0.3026


 119.6606, 0.2586,
0.3096

 36.8337, 0.2343,
0.2990


 151.2410, 0.2626,
0.3112

 25.0787, 0.2245,
0.2944


187.9398, 0.2659,
0.3125

 16.1357, 0.2119,
0.2882

230.1413, 0.2689,
0.3137

 9.6202, 0.1953,
0.2795

278.2298, 0.2715,
0.3147

 5.1479, 0.1726,
0.2665

332.5899, 0.2738,

 2.3343, 0.1402,

0.3156

393.6058, 0.2759,
0.3164

0.2455

0.7918, 0.0564,
0.2151

0.0000, 0.0000,
0.0000

70.3169, 0.2487,
0.3054

70.3169, 0.2487,
0.3054

65.8639, 0.2372,
0.2992

75.3421, 0.2616,
0.3114

61.9397, 0.2275,
0.2927

80.9632, 0.2757,
0.3170

58.5077, 0.2196,
0.2862

87.2122, 0.2905,
0.3222

55.5217, 0.2138,
0.2796

94.1163, 0.3059,
0.3270

■ 52.9259, 0.2098,
0.2731

99.5243, 0.3145,
0.3314

■ 51.5961, 0.2082,
0.2695

99.8096, 0.3144,
0.3318

Harmonies

Analogous

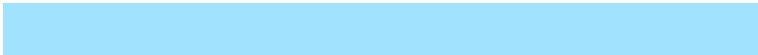
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3169, 0.2636, 0.3383



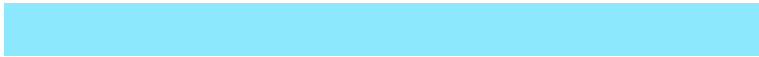
70.3169, 0.2487, 0.3054



70.3169, 0.2497, 0.2817

Triad

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



70.3169, 0.2487, 0.3054



70.3169, 0.3315, 0.2923



70.3169, 0.3589, 0.3897

Complementary

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



70.3169, 0.2487, 0.3054



47.8016, 0.4217, 0.3505

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.



70.3169, 0.3794, 0.3729



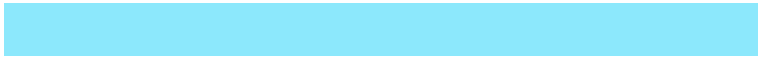
70.3169, 0.2487, 0.3054



70.3169, 0.3634, 0.3174

Square

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



70.3169, 0.2487, 0.3054



70.3169, 0.2959, 0.2759



70.3169, 0.3813, 0.3463



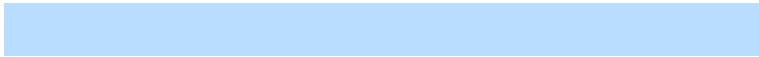
70.3169, 0.3266, 0.3897

Rectangle

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



70.3169, 0.2487, 0.3054



70.3169, 0.2592, 0.2734



70.3169, 0.3813, 0.3463



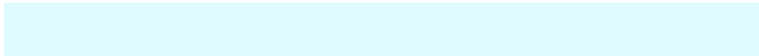
70.3169, 0.3674, 0.3856

Sweetspot

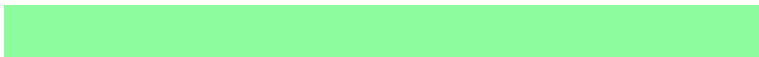
The Sweet Spot groups the original color and five complimentary colors.



70.3196, 0.2487, 0.3054



90.5156, 0.2926, 0.3229



77.7177, 0.2973, 0.4452



19.0541, 0.2893, 0.3218



0.0000, 0.0000, 0.0000



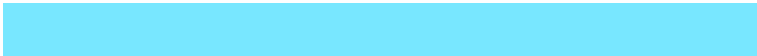
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3196, 0.2487, 0.3054



68.2374, 0.2387, 0.3000



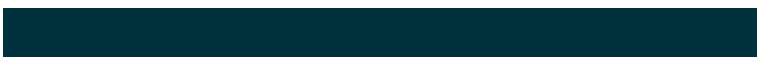
44.2334, 0.2368, 0.2368



19.0486, 0.2980, 0.3246



27.0702, 0.2085, 0.2706



2.6406, 0.2107, 0.2784

Inverse Universe

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



45.3218, 0.3354, 0.2371



40.4146, 0.3412, 0.2212



71.0594, 0.3947, 0.4058



17.4681, 0.3165, 0.3097



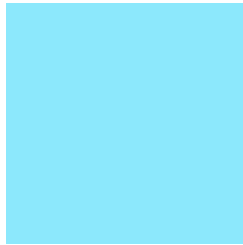
13.1437, 0.3722, 0.1824



1.2308, 0.3650, 0.1784

Previews

White Background



This preview shows how the Yxy color 70.3169, 0.2487, 0.3054 looks on a white background.

Color Contrast Check

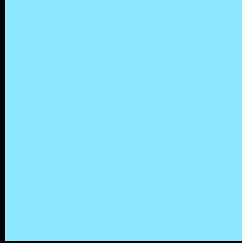
Large Text (above 18pt) WCAG AA × Fail

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 70.3169, 0.2487, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

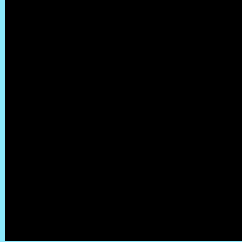
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3169, 0.2487, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 70.3169, 0.2487, 0.3054.

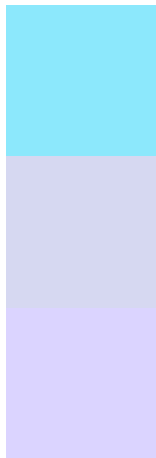


This preview shows how white text looks on a background with the Yxy color 70.3169, 0.2487, 0.3054.

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

70.3169, 0.2487, 0.3054

Protanopia

69.7587, 0.2951, 0.3020

Deuteranopia

69.3670, 0.2897, 0.2838



Tritanopia

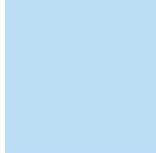
70.2537, 0.2491, 0.3066

Trichromacy



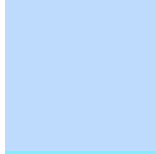
Original Color

70.3169, 0.2487, 0.3054



Protanomaly

69.3999, 0.2756, 0.3031



Deuteranomaly

68.7659, 0.2721, 0.2903



Tritanomaly

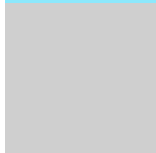
70.2537, 0.2491, 0.3066

Monochromacy



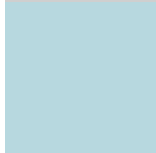
Original Color

70.3169, 0.2487, 0.3054



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.5067, 0.2854, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3169, 0.2487, 0.3054 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(140, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(140, 232, 252)  
}
```

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(140, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 232, 252) }
```

Border

The CSS property to change the border of an element to Yxy 70.3169, 0.2487, 0.3054 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(140, 232, 252) }
```

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

```
.border{ border-color:rgb(140, 232, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(140, 232,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3169, 0.2487, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 232, 252) }
```

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

```
.background{ background-color: rgb(140,  
232, 252) }
```

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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