

Converting Colors

$Yxy(69.2955, 0.2537, 0.2969)$

Have a look what the booklet for
Yxy(69.2955, 0.2537, 0.2969)
contains.

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Color

Yxy(69.2261, 0.2539, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	9CE3FF
RGB	156, 227, 255
RGB Percent	61%, 89%, 100%
CMY	0.3880, 0.1098, 0.0000
CMYK	0.39, 0.11, 0.00, 0.00
HSL	197°, 100%, 81%
HSV	197°, 39%, 100%
XYZ	59.2400, 69.2261, 104.8541
YIQ	208.9630, -51.3040, -6.3440

Conversions

Conversions Part 2

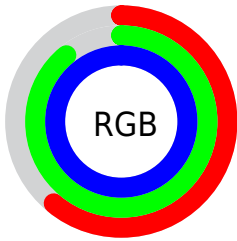
Format	Color
R _Y B	156, 197, 255
Decimal	10281983
CIE Lab	86.62, -15.21, -20.58
CIE LCh	87, 25.589, 233.530
Yxy	69.2261, 0.2539, 0.2967
Android (android.graphics.Color)	4288472063 (0xFF9CE3FF)
YUV	208.9630, 22.6962, -46.4486
Hunter-Lab	83.2022, -18.5119, -16.4776

Details

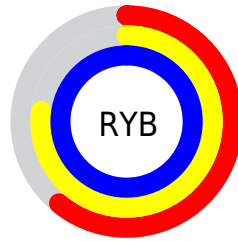
The Yxy color **69.2261, 0.2539, 0.2967** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.9770, 0.3984, 0.3586**, and the grayscale version is **63.6198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **36.2916, 0.2410, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **63.0775, 0.2404, 0.2868**, and if you desaturate by 10%, it is **76.0785, 0.2684, 0.3061**.

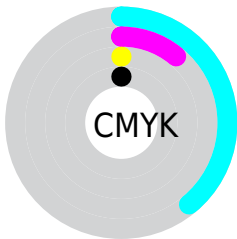
Distribution



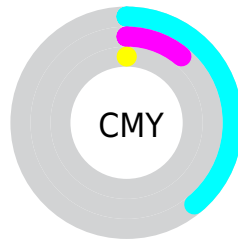
- Red (61%)
- Green (89%)
- Blue (100%)



- Red (61%)
- Yellow (77%)
- Blue (100%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2261, 0.2539, 0.2967 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 69.2261, 0.2539, 0.2967 by changing the saturation by 10% instead.


 69.2261, 0.2539,
0.2967


 69.2261, 0.2539,
0.2967


457.8280, 0.2807,
0.3122

 50.8959, 0.2479,
0.2931

 118.1045, 0.2631,
0.3022

 36.1257, 0.2406,
0.2885


 149.4214, 0.2667,
0.3043

 24.5313, 0.2314,
0.2827


185.8360, 0.2698,
0.3061

 15.7282, 0.2196,
0.2750

227.7326, 0.2726,
0.3076

 9.3320, 0.2040,
0.2644

275.4958, 0.2750,
0.3090

 4.9584, 0.1826,
0.2489

329.5098, 0.2771,

 2.2229, 0.1515,

0.3102

0.2248

390.1591, 0.2790,
0.3112

0.7324, 0.0826,
0.1862

0.0000, 0.0000,
0.0000

69.2261, 0.2539,
0.2967

69.2261, 0.2539,
0.2967

63.0775, 0.2404,
0.2868

76.0785, 0.2684,
0.3061

57.5908, 0.2283,
0.2764

83.6612, 0.2836,
0.3147

52.7285, 0.2178,
0.2657

92.0066, 0.2991,
0.3226

48.4457, 0.2093,
0.2548

100.0000, 0.3127,
0.3290

■ 44.6898, 0.2029,
0.2440

■ 41.3851, 0.1983,
0.2334

■ 41.0059, 0.1978,
0.2322

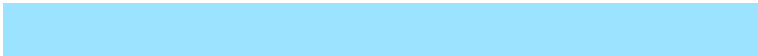
Harmonies

Analogous

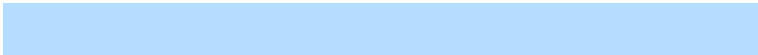
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2261, 0.2607, 0.3230



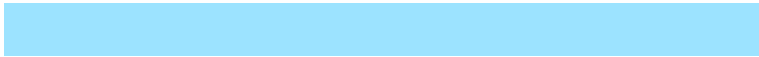
69.2261, 0.2539, 0.2967



69.2261, 0.2617, 0.2808

Triad

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



69.2261, 0.2539, 0.2967



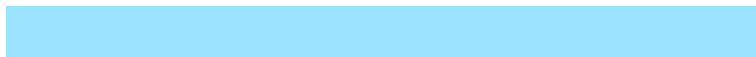
69.2261, 0.3441, 0.3061



69.2261, 0.3413, 0.3851

Complementary

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



69.2261, 0.2539, 0.2967



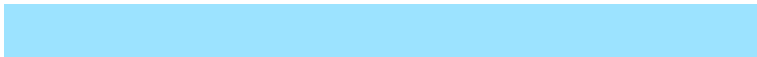
57.9770, 0.3984, 0.3586

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.



69.2261, 0.3653, 0.3770



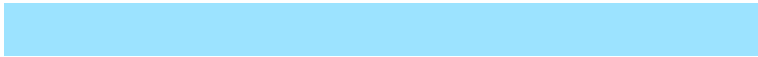
69.2261, 0.2539, 0.2967



69.2261, 0.3674, 0.3310

Square

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



69.2261, 0.2539, 0.2967



69.2261, 0.3127, 0.2870



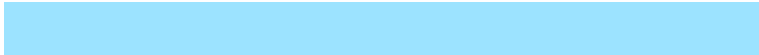
69.2261, 0.3752, 0.3567



69.2261, 0.3103, 0.3766

Rectangle

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



69.2261, 0.2539, 0.2967



69.2261, 0.2745, 0.2774



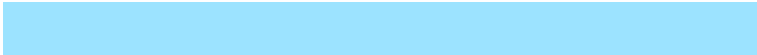
69.2261, 0.3752, 0.3567



69.2261, 0.3505, 0.3841

Sweetspot

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



69.2282, 0.2539, 0.2967



89.2477, 0.2941, 0.3202



81.9911, 0.2939, 0.4157



18.8669, 0.2921, 0.3192



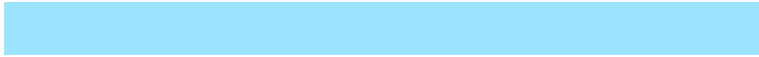
0.0000, 0.0000, 0.0000



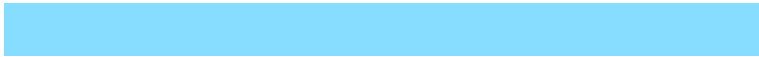
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2282, 0.2539, 0.2967



64.1320, 0.2427, 0.2886



46.5972, 0.2450, 0.2382



19.5611, 0.2980, 0.3221



21.6931, 0.1983, 0.2339



2.2980, 0.2017, 0.2461

Inverse Universe

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



50.6063, 0.3410, 0.2575



43.8539, 0.3491, 0.2430



81.3290, 0.3793, 0.4055



18.2075, 0.3182, 0.3121



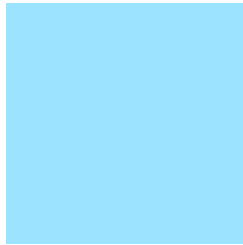
12.9179, 0.4086, 0.2024



1.2765, 0.3962, 0.1956

Previews

White Background



This preview shows how the Yxy color 69.2261, 0.2539, 0.2967 looks on a white background.

Color Contrast Check

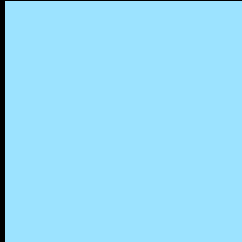
Large Text (above 18pt) WCAG AA × Fail

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 69.2261, 0.2539, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

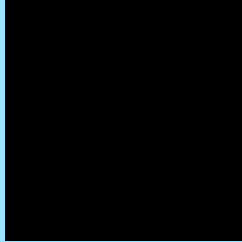
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2261, 0.2539, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 69.2261, 0.2539, 0.2967.

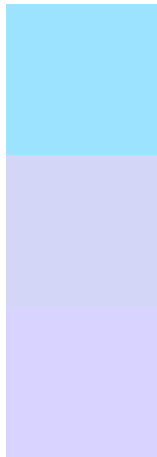


This preview shows how white text looks on a background with the Yxy color 69.2261, 0.2539, 0.2967.

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

69.2261, 0.2539, 0.2967

Protanopia

68.6574, 0.2893, 0.2934

Deuteranopia

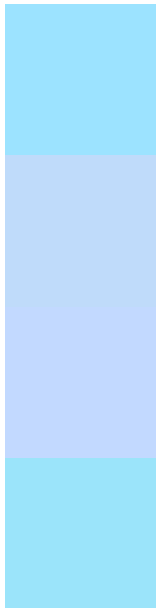
68.9059, 0.2877, 0.2835



Tritanopia

69.0722, 0.2569, 0.3067

Trichromacy



Original Color

69.2261, 0.2539, 0.2967

Protanomaly

68.6415, 0.2750, 0.2946

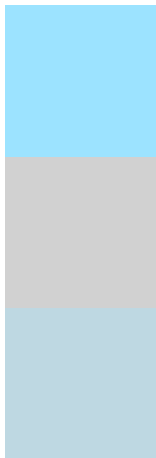
Deuteranomaly

68.3150, 0.2738, 0.2873

Tritanomaly

69.3575, 0.2560, 0.3034

Monochromacy



Original Color

69.2261, 0.2539, 0.2967

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.5499, 0.2882, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2261, 0.2539, 0.2967 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(156, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 227, 255)  
}
```

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(156, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 227, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.2261, 0.2539, 0.2967 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(156, 227, 255) }
```

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

```
.border{ border-color:rgb(156, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 227,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2261, 0.2539, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 227, 255) }
```

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

```
.background{ background-color: rgb(156,  
227, 255) }
```

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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