

Converting Colors

$Yxy(66.8310, 0.2478, 0.2933)$

Have a look what the booklet for
Yxy(66.8310, 0.2478, 0.2933)
contains.

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Color

Yxy(67.0902, 0.2481, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	91E1FF
RGB	145, 225, 255
RGB Percent	57%, 88%, 100%
CMY	0.4318, 0.1176, 0.0001
CMYK	0.43, 0.12, 0.00, 0.00
HSL	196°, 100%, 78%
HSV	196°, 43%, 100%
XYZ	56.6352, 67.0902, 104.5502
YIQ	204.5000, -57.3100, -7.6300

Conversions

Conversions Part 2

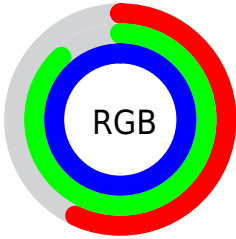
Format	Color
RYB	145, 191, 255
Decimal	9560575
CIELab	85.55, -16.97, -22.23
CIELCh	86, 27.962, 232.641
Yxy	67.0902, 0.2481, 0.2939
Android (android.graphics.Color)	4287750655 (0xFF91E1FF)
YUV	204.5000, 24.8965, -52.1815
Hunter-Lab	81.9086, -19.9174, -18.3432

Details

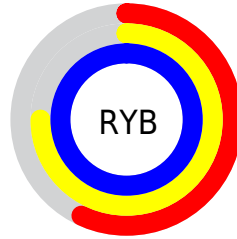
The Yxy color **67.0902, 0.2481, 0.2939** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.8983, 0.4125, 0.3607**, and the grayscale version is **60.5702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **34.8529, 0.2336, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **61.3568, 0.2353, 0.2842**, and if you desaturate by 10%, it is **73.5008, 0.2621, 0.3031**.

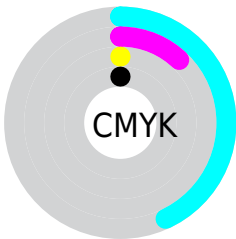
Distribution



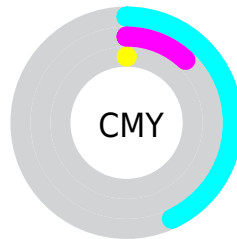
- Red (57%)
- Green (88%)
- Blue (100%)



- Red (57%)
- Yellow (75%)
- Blue (100%)



- Cyan (43%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




- Cyan (43%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0902, 0.2481, 0.2939 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 67.0902, 0.2481, 0.2939 by changing the saturation by 10% instead.

 67.0902, 0.2481,
0.2939

 67.0902, 0.2481,
0.2939


450.2658, 0.2776,
0.3109

 49.1579, 0.2415,
0.2899


 115.0496, 0.2582,
0.2999

 34.7448, 0.2334,
0.2849


 145.8456, 0.2622,
0.3022

 23.4663, 0.2233,
0.2784


181.6983, 0.2657,
0.3042

 14.9382, 0.2104,
0.2698


222.9920, 0.2687,
0.3059

 8.7760, 0.1932,
0.2580

270.1113, 0.2713,
0.3074

 4.5954, 0.1697,
0.2407

323.4404, 0.2736,

 2.0119, 0.1362,

0.3087

0.2137

383.3637, 0.2757,
0.3098

0.6144, 0.0467,
0.1691

0.0000, 0.0000,
0.0000

67.0902, 0.2481,
0.2939

67.0902, 0.2481,
0.2939

61.3568, 0.2353,
0.2842

73.5008, 0.2621,
0.3031

56.2558, 0.2240,
0.2741

80.6145, 0.2769,
0.3117

51.7484, 0.2146,
0.2637

88.4650, 0.2923,
0.3197

47.7871, 0.2071,
0.2534

97.0813, 0.3078,
0.3269

■ 44.3142, 0.2017,
0.2431

99.9984, 0.3127,
0.3290

■ 42.1673, 0.1989,
0.2362

Harmonies

Analogous

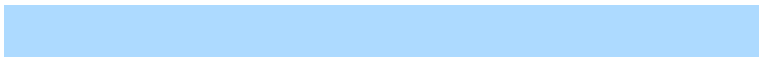
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.0902, 0.2560, 0.3232



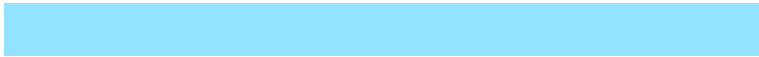
67.0902, 0.2481, 0.2939



67.0902, 0.2562, 0.2763

Triad

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



67.0902, 0.2481, 0.2939



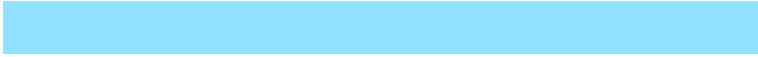
67.0902, 0.3463, 0.3030



67.0902, 0.3450, 0.3911

Complementary

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



67.0902, 0.2481, 0.2939



53.8983, 0.4125, 0.3607

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.



67.0902, 0.3713, 0.3812



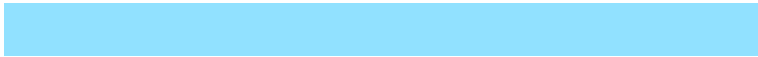
67.0902, 0.2481, 0.2939



67.0902, 0.3727, 0.3302

Square

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



67.0902, 0.2481, 0.2939



67.0902, 0.3115, 0.2825



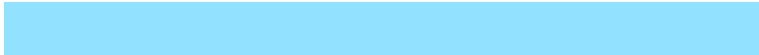
67.0902, 0.3819, 0.3584



67.0902, 0.3109, 0.3824

Rectangle

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



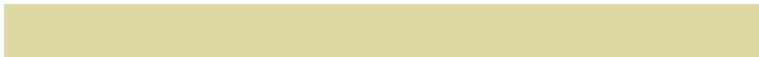
67.0902, 0.2481, 0.2939



67.0902, 0.2698, 0.2723



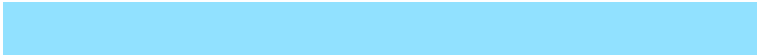
67.0902, 0.3819, 0.3584



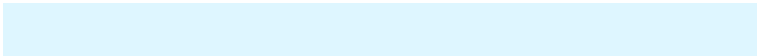
67.0902, 0.3551, 0.3897

Sweetspot

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



67.0928, 0.2481, 0.2939



88.6254, 0.2925, 0.3198



80.5806, 0.2922, 0.4275



18.5840, 0.2891, 0.3181



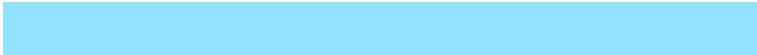
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



67.0928, 0.2481, 0.2939



62.0085, 0.2367, 0.2853



42.1980, 0.2366, 0.2259



19.5963, 0.2980, 0.3224



22.2994, 0.1994, 0.2379



2.3530, 0.2026, 0.2495

Inverse Universe

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



46.9131, 0.3441, 0.2486



40.3878, 0.3528, 0.2335



79.4963, 0.3875, 0.4138



18.2111, 0.3180, 0.3119



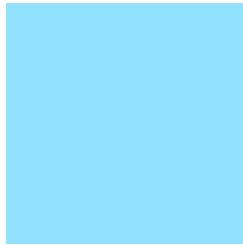
12.9791, 0.4045, 0.2002



1.2821, 0.3927, 0.1937

Previews

White Background



This preview shows how the Yxy color 67.0902, 0.2481, 0.2939 looks on a white background.

Color Contrast Check

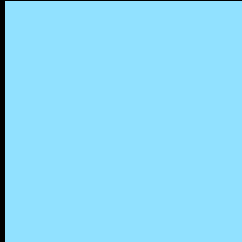
Large Text (above 18pt) WCAG AA × Fail

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 67.0902, 0.2481, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

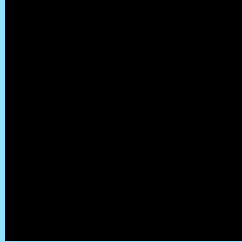
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0902, 0.2481, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 67.0902, 0.2481, 0.2939.



This preview shows how white text looks on a background with the Yxy color 67.0902, 0.2481, 0.2939.

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

67.0902, 0.2481, 0.2939

Protanopia

66.5078, 0.2871, 0.2908

Deuteranopia

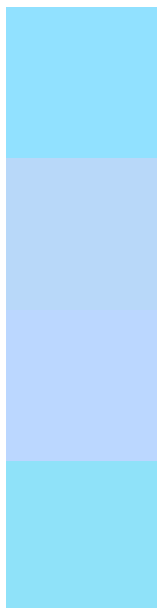
66.6698, 0.2842, 0.2798



Tritanopia

67.2815, 0.2518, 0.3074

Trichromacy



Original Color

67.0902, 0.2481, 0.2939

Protanomaly

66.1416, 0.2709, 0.2917

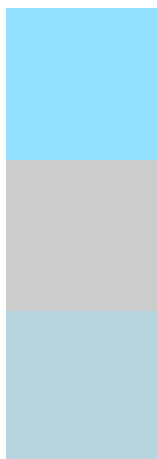
Deuteranomaly

66.3857, 0.2693, 0.2845

Tritanomaly

67.0719, 0.2502, 0.3017

Monochromacy



Original Color

67.0902, 0.2481, 0.2939

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

62.4820, 0.2851, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0902, 0.2481, 0.2939 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(145, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 225, 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(145, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.0902, 0.2481, 0.2939 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(145, 225, 255) }
```

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

```
.border{ border-color:rgb(145, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 225,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0902, 0.2481, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 225, 255) }
```

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

```
.background{ background-color: rgb(145,  
225, 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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