

Converting Colors

$Yxy(67.0423, 0.2499, 0.2931)$

Have a look what the booklet for
Yxy(67.0423, 0.2499, 0.2931)
contains.

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Color

Yxy(66.9209, 0.2499, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	95E0FF
RGB	149, 224, 255
RGB Percent	58%, 88%, 100%
CMY	0.4152, 0.1216, 0.0000
CMYK	0.42, 0.12, 0.00, 0.00
HSL	198°, 100%, 79%
HSV	198°, 42%, 100%
XYZ	57.1159, 66.9209, 104.5182
YIQ	205.1090, -54.6510, -6.2590

Conversions

Conversions Part 2

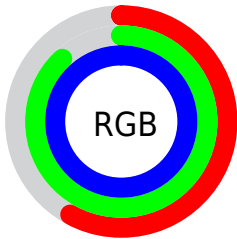
Format	Color
RYB	149, 193, 255
Decimal	9822463
CIELab	85.46, -15.41, -22.35
CIELCh	85, 27.151, 235.414
Yxy	66.9209, 0.2499, 0.2928
Android (android.graphics.Color)	4288012543 (0xFF95E0FF)
YUV	205.1090, 24.5963, -49.2076
Hunter-Lab	81.8052, -18.5315, -18.4881

Details

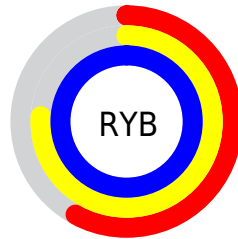
The Yxy color **66.9209, 0.2499, 0.2928** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.1301, 0.4062, 0.3618**, and the grayscale version is **61.0064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **34.7285, 0.2358, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **60.8521, 0.2366, 0.2824**, and if you desaturate by 10%, it is **73.6957, 0.2643, 0.3027**.

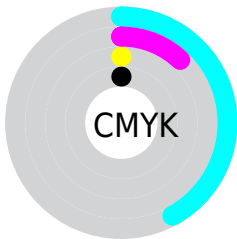
Distribution



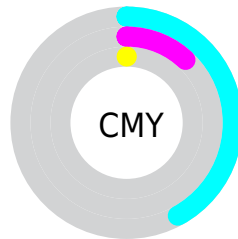
- Red (58%)
- Green (88%)
- Blue (100%)



- Red (58%)
- Yellow (76%)
- Blue (100%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




- Cyan (42%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9209, 0.2499, 0.2928 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 66.9209, 0.2499, 0.2928 by changing the saturation by 10% instead.


 66.9209, 0.2499,
0.2928


 66.9209, 0.2499,
0.2928


449.6632, 0.2786,
0.3102

 49.0203, 0.2435,
0.2887


 114.8071, 0.2598,
0.2990

 34.6356, 0.2356,
0.2836


 145.5615, 0.2637,
0.3013

 23.3823, 0.2257,
0.2770


181.3693, 0.2670,
0.3033

 14.8761, 0.2130,
0.2683

222.6149, 0.2699,
0.3051

 8.7325, 0.1962,
0.2563

269.6827, 0.2725,
0.3066

 4.5671, 0.1732,
0.2388

322.9570, 0.2748,

 1.9956, 0.1400,

0.3080

382.8224, 0.2768,
0.3092

0.2115

0.6049, 0.0544,
0.1657

0.0000, 0.0000,
0.0000

66.9209, 0.2499,
0.2928

66.9209, 0.2499,
0.2928

60.8521, 0.2366,
0.2824

73.6957, 0.2643,
0.3027

55.4458, 0.2248,
0.2715

81.2035, 0.2794,
0.3118

50.6632, 0.2147,
0.2603

89.4777, 0.2948,
0.3203

46.4573, 0.2066,
0.2490

98.5474, 0.3104,
0.3279

■ 42.7722, 0.2006,
0.2379

100.0000, 0.3127,
0.3290

■ 39.9849, 0.1968,
0.2286

Harmonies

Analogous

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



66.9209, 0.2562, 0.3205



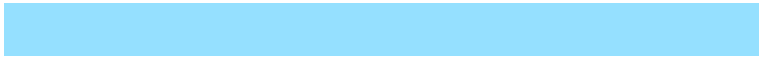
66.9209, 0.2499, 0.2928



66.9209, 0.2592, 0.2768

Triad

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



66.9209, 0.2499, 0.2928



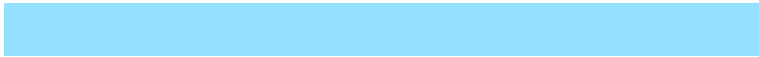
66.9209, 0.3483, 0.3060



66.9209, 0.3412, 0.3893

Complementary

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



66.9209, 0.2499, 0.2928



56.1301, 0.4062, 0.3618

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.



66.9209, 0.3679, 0.3813



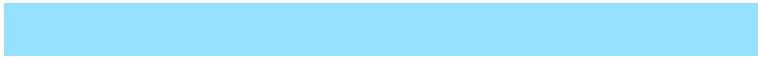
66.9209, 0.2499, 0.2928



66.9209, 0.3726, 0.3328

Square

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



66.9209, 0.2499, 0.2928



66.9209, 0.3148, 0.2852



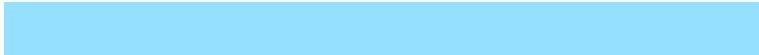
66.9209, 0.3797, 0.3601



66.9209, 0.3079, 0.3791

Rectangle

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



66.9209, 0.2499, 0.2928



66.9209, 0.2733, 0.2738



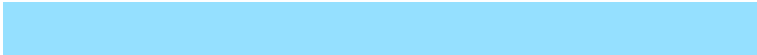
66.9209, 0.3797, 0.3601



66.9209, 0.3513, 0.3885

Sweetspot

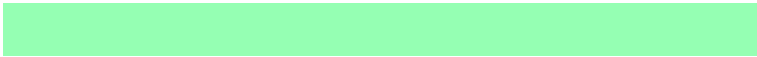
The Sweet Spot groups the original color and five complimentary colors.



66.9231, 0.2499, 0.2928



89.0649, 0.2941, 0.3199



81.1800, 0.2920, 0.4208



18.8237, 0.2921, 0.3188



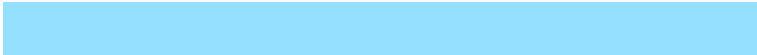
0.0000, 0.0000, 0.0000



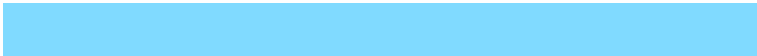
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9231, 0.2499, 0.2928



61.7327, 0.2386, 0.2840



43.1478, 0.2394, 0.2284



19.5298, 0.2980, 0.3219



21.1640, 0.1973, 0.2304



2.2499, 0.2008, 0.2430

Inverse Universe

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



48.1729, 0.3445, 0.2536



41.6119, 0.3535, 0.2392



81.1799, 0.3837, 0.4123



18.2043, 0.3183, 0.3123



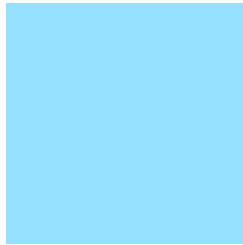
12.8645, 0.4122, 0.2044



1.2717, 0.3993, 0.1973

Previews

White Background



This preview shows how the Yxy color 66.9209, 0.2499, 0.2928 looks on a white background.

Color Contrast Check

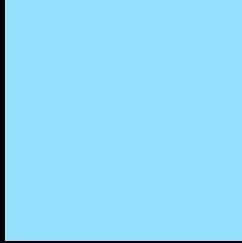
Large Text (above 18pt) WCAG AA × Fail

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 66.9209, 0.2499, 0.2928 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 66.9209, 0.2499, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 66.9209, 0.2499, 0.2928.

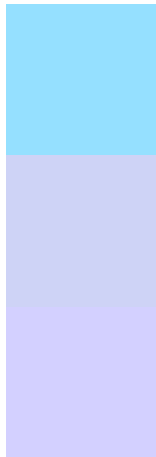


This preview shows how white text looks on a background with the Yxy color 66.9209, 0.2499, 0.2928.

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

66.9209, 0.2499, 0.2928

Protanopia

66.3642, 0.2864, 0.2907

Deuteranopia

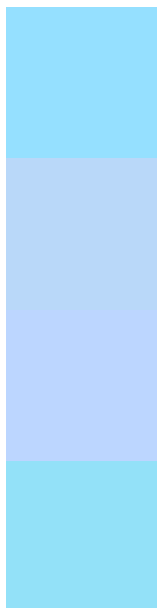
66.1806, 0.2841, 0.2787



Tritanopia

67.0354, 0.2540, 0.3075

Trichromacy



Original Color

66.9209, 0.2499, 0.2928

Protanomaly

66.2656, 0.2715, 0.2918

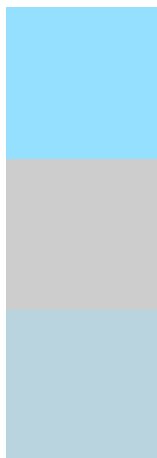
Deuteranomaly

66.0045, 0.2698, 0.2834

Tritanomaly

66.8308, 0.2524, 0.3017

Monochromacy



Original Color

66.9209, 0.2499, 0.2928

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.7290, 0.2865, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9209, 0.2499, 0.2928 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(149, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 224, 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(149, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 224, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.9209, 0.2499, 0.2928 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(149, 224, 255) }
```

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

```
.border{ border-color:rgb(149, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(149, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 224,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9209, 0.2499, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 224, 255) }
```

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

```
.background{ background-color: rgb(149,  
224, 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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