

Converting Colors

$Yxy(67.6272, 0.2608, 0.2918)$

Have a look what the booklet for
Yxy(67.6272, 0.2608, 0.2918)
contains.

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Color

Yxy(67.4147, 0.2608, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	AADDFE
RGB	170, 221, 254
RGB Percent	67%, 87%, 100%
CMY	0.3330, 0.1334, 0.0039
CMYK	0.33, 0.13, 0.00, 0.00
HSL	204°, 98%, 83%
HSV	204°, 33%, 100%
XYZ	60.3355, 67.4147, 103.5975
YIQ	209.5130, -40.9890, -0.5490

Conversions

Conversions Part 2

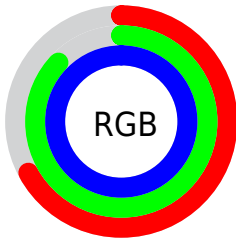
Format	Color
RYB	170, 202, 254
Decimal	11197950
CIELab	85.71, -8.70, -21.34
CIELCh	86, 23.049, 247.818
Yxy	67.4147, 0.2608, 0.2914
Android (android.graphics.Color)	4289388030 (0xFFAADDFF)
YUV	209.5130, 21.9321, -34.6529
Hunter-Lab	82.1065, -12.5166, -17.3344

Details

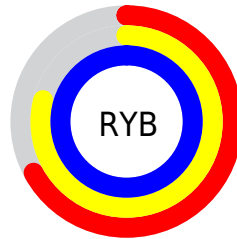
The Yxy color **67.4147, 0.2608, 0.2914** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7315, 0.3788, 0.3636**, and the grayscale version is **63.9980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **34.9485, 0.2489, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **59.7332, 0.2455, 0.2778**, and if you desaturate by 10%, it is **75.9624, 0.2765, 0.3040**.

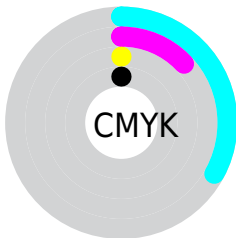
Distribution



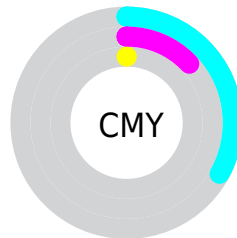
- Red (67%)
- Green (87%)
- Blue (100%)



- Red (67%)
- Yellow (79%)
- Blue (100%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4147, 0.2608, 0.2914 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 67.4147, 0.2608, 0.2914 by changing the saturation by 10% instead.

■ 67.4147, 0.2608,
0.2914

■ 67.4147, 0.2608,
0.2914

451.4195, 0.2847,
0.3092

■ 49.4217, 0.2554,
0.2873

■ 115.5144, 0.2690,
0.2976

■ 34.9541, 0.2488,
0.2822

146.3900, 0.2723,
0.3000

■ 23.6275, 0.2405,
0.2756

182.3285, 0.2750,
0.3021

■ 15.0576, 0.2297,
0.2671

223.7144, 0.2775,
0.3039

■ 8.8598, 0.2154,
0.2553

270.9320, 0.2796,
0.3055

■ 4.6498, 0.1953,
0.2385


324.3658, 0.2815,

■ 2.0433, 0.1658,


0.3068


0.2125


384.4002, 0.2832,
0.3081


 0.6325, 0.1027,
0.1671


 0.0000, 0.0000,
0.0000


 67.4147, 0.2608,
0.2914

 67.4147, 0.2608,
0.2914

 59.7332, 0.2455,
0.2778


 75.9624, 0.2765,
0.3040

 52.8730, 0.2312,
0.2633

 85.4028, 0.2924,
0.3156

 46.7964, 0.2181,
0.2482

 95.7707, 0.3080,
0.3260

 41.4584, 0.2068,
0.2328

99.9358, 0.3133,
0.3300

■ 36.8081, 0.1975,
0.2173

■ 32.7843, 0.1905,
0.2022

■ 30.2945, 0.1867,
0.1920

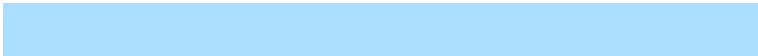
Harmonies

Analogous

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



67.4147, 0.2607, 0.3115



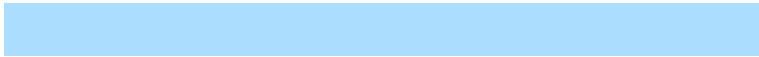
67.4147, 0.2608, 0.2914



67.4147, 0.2741, 0.2823

Triad

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



67.4147, 0.2608, 0.2914



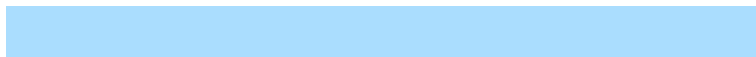
67.4147, 0.3527, 0.3186



67.4147, 0.3257, 0.3780

Complementary

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



67.4147, 0.2608, 0.2914



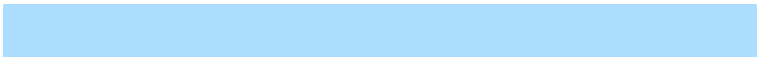
66.7315, 0.3788, 0.3636

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.



67.4147, 0.3515, 0.3778



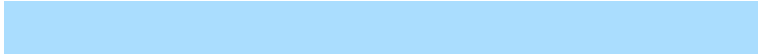
67.4147, 0.2608, 0.2914



67.4147, 0.3678, 0.3425

Square

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



67.4147, 0.2608, 0.2914



67.4147, 0.3267, 0.2980



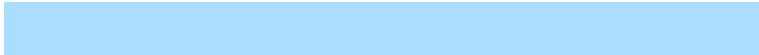
67.4147, 0.3672, 0.3642



67.4147, 0.2972, 0.3632

Rectangle

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



67.4147, 0.2608, 0.2914



67.4147, 0.2890, 0.2828



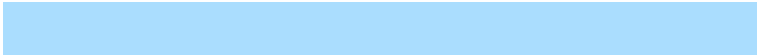
67.4147, 0.3672, 0.3642



67.4147, 0.3350, 0.3797

Sweetspot

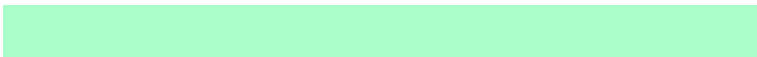
The Sweet Spot groups the original color and five complimentary colors.



67.4174, 0.2608, 0.2914



89.2464, 0.2972, 0.3189



83.7149, 0.2913, 0.3888



18.7953, 0.2950, 0.3174



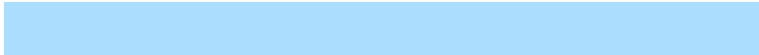
0.0000, 0.0000, 0.0000



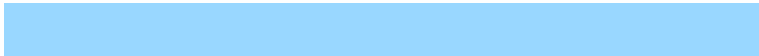
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4174, 0.2608, 0.2914



62.5300, 0.2501, 0.2820



48.3009, 0.2545, 0.2421



19.2116, 0.2979, 0.3194



16.2673, 0.1873, 0.1944



1.7969, 0.1920, 0.2113

Inverse Universe

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



55.0701, 0.3436, 0.2770



48.9424, 0.3525, 0.2659



88.8038, 0.3656, 0.4031



18.1722, 0.3199, 0.3147



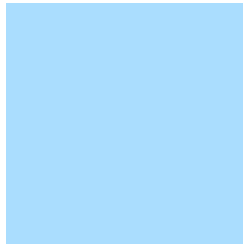
12.3702, 0.4517, 0.2262



1.2259, 0.4327, 0.2157

Previews

White Background



This preview shows how the Yxy color 67.4147, 0.2608, 0.2914 looks on a white background.

Color Contrast Check

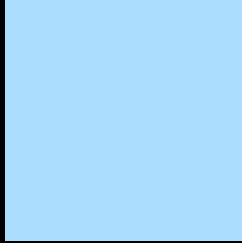
Large Text (above 18pt) WCAG AA × Fail

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 67.4147, 0.2608, 0.2914 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 67.4147, 0.2608, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 67.4147, 0.2608, 0.2914.

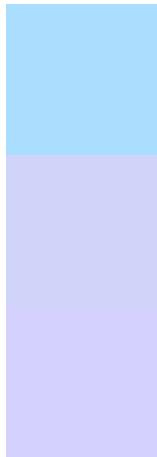


This preview shows how white text looks on a background with the Yxy color 67.4147, 0.2608, 0.2914.

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

67.4147, 0.2608, 0.2914

Protanopia

67.1297, 0.2859, 0.2898

Deuteranopia

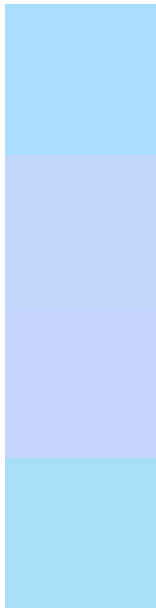
66.9671, 0.2855, 0.2800



Tritanopia

67.3417, 0.2661, 0.3079

Trichromacy



Original Color

67.4147, 0.2608, 0.2914

Protanomaly

66.9723, 0.2765, 0.2902

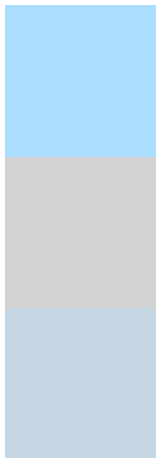
Deuteranomaly

66.6788, 0.2753, 0.2830

Tritanomaly

67.2212, 0.2639, 0.3012

Monochromacy



Original Color

67.4147, 0.2608, 0.2914

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1862, 0.2915, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4147, 0.2608, 0.2914 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(170, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(170, 221, 254)  
}
```

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(170, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 221, 254) }
```

Border

The CSS property to change the border of an element to Yxy 67.4147, 0.2608, 0.2914 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(170, 221, 254) }
```

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

```
.border{ border-color:rgb(170, 221, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 221, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 221, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 221, 254);  
box-shadow:4px 4px 4px 4px rgb(170, 221,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4147, 0.2608, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 221, 254) }
```

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

```
.background{ background-color: rgb(170,  
221, 254) }
```

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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