

Converting Colors

Yxy(67.4815, 0.2620, 0.2897)

Have a look what the booklet for
Yxy(67.4815, 0.2620, 0.2897)
contains.

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Color

Yxy(67.2906, 0.2618, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	ADDCCFF
RGB	173, 220, 255
RGB Percent	68%, 86%, 100%
CMY	0.3215, 0.1372, 0.0002
CMYK	0.32, 0.14, 0.00, 0.00
HSL	206°, 100%, 84%
HSV	206°, 32%, 100%
XYZ	60.8731, 67.2906, 104.3539
YIQ	209.9370, -39.2470, 0.9210

Conversions

Conversions Part 2

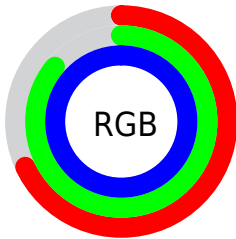
Format	Color
R _Y B	173, 203, 255
Decimal	11394303
CIE Lab	85.65, -7.16, -21.93
CIE LCh	86, 23.068, 251.917
Yxy	67.2906, 0.2618, 0.2894
Android (android.graphics.Color)	4289584383 (0xFFADDCCFF)
YUV	209.9370, 22.2161, -32.3937
Hunter-Lab	82.0308, -11.0934, -18.0030

Details

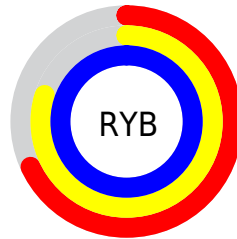
The Yxy color **67.2906, 0.2618, 0.2894** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.3661, 0.3756, 0.3654**, and the grayscale version is **64.2780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **34.8390, 0.2500, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **59.1341, 0.2461, 0.2746**, and if you desaturate by 10%, it is **76.3784, 0.2778, 0.3031**.

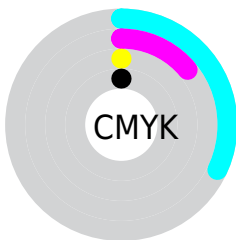
Distribution



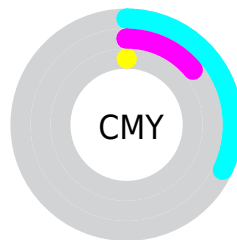
- Red (68%)
- Green (86%)
- Blue (100%)



- Red (68%)
- Yellow (80%)
- Blue (100%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2906, 0.2618, 0.2894 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 67.2906, 0.2618, 0.2894 by changing the saturation by 10% instead.

■ 67.2906, 0.2618,
0.2894

■ 67.2906, 0.2618,
0.2894

450.9785, 0.2852,
0.3080

■ 49.3208, 0.2565,
0.2851

■ 115.3367, 0.2699,
0.2959

■ 34.8740, 0.2500,
0.2797

146.1818, 0.2731,
0.2984

■ 23.5659, 0.2418,
0.2730

182.0875, 0.2758,
0.3006

■ 15.0119, 0.2312,
0.2641

223.4382, 0.2782,
0.3025

■ 8.8277, 0.2171,
0.2519

270.6182, 0.2802,
0.3041

■ 4.6290, 0.1973,
0.2346

324.0120, 0.2821,

■ 2.0313, 0.1682,

0.3056

0.2080

384.0040, 0.2838,
0.3069

0.6255, 0.1083,
0.1613

0.0000, 0.0000,
0.0000

67.2906, 0.2618,
0.2894

67.2906, 0.2618,
0.2894

59.1341, 0.2461,
0.2746

76.3784, 0.2778,
0.3031

51.8622, 0.2312,
0.2589

86.4255, 0.2938,
0.3155

45.4356, 0.2176,
0.2424

97.4681, 0.3094,
0.3268

39.8078, 0.2056,
0.2256

99.9975, 0.3127,
0.3290

■ 34.9261, 0.1956,
0.2088

■ 30.7282, 0.1880,
0.1925

■ 27.8400, 0.1834,
0.1800

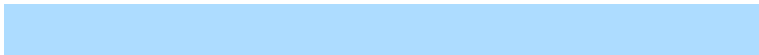
Harmonies

Analogous

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



67.2906, 0.2598, 0.3082



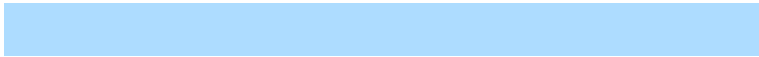
67.2906, 0.2618, 0.2894



67.2906, 0.2767, 0.2819

Triad

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



67.2906, 0.2618, 0.2894



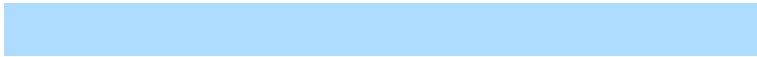
67.2906, 0.3556, 0.3218



67.2906, 0.3218, 0.3769

Complementary

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



67.2906, 0.2618, 0.2894



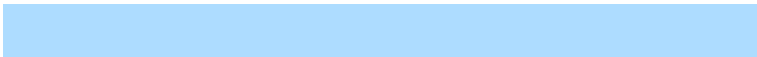
69.3661, 0.3756, 0.3654

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.



67.2906, 0.3484, 0.3788



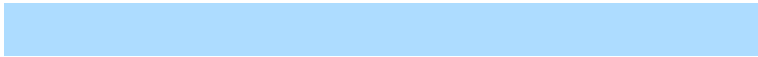
67.2906, 0.2618, 0.2894



67.2906, 0.3687, 0.3457

Square

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



67.2906, 0.2618, 0.2894



67.2906, 0.3306, 0.3005



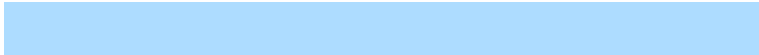
67.2906, 0.3659, 0.3667



67.2906, 0.2936, 0.3603

Rectangle

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



67.2906, 0.2618, 0.2894



67.2906, 0.2925, 0.2834



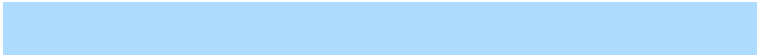
67.2906, 0.3659, 0.3667



67.2906, 0.3312, 0.3793

Sweetspot

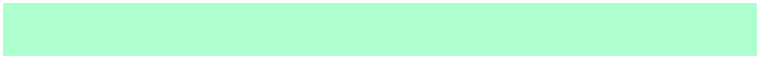
The Sweet Spot groups the original color and five complimentary colors.



67.2933, 0.2618, 0.2894



88.7359, 0.2972, 0.3180



84.8937, 0.2904, 0.3836



18.6717, 0.2949, 0.3164



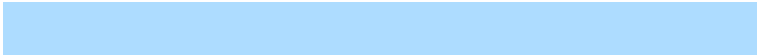
0.0000, 0.0000, 0.0000



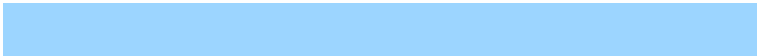
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2933, 0.2618, 0.2894



61.6208, 0.2510, 0.2794



48.6820, 0.2559, 0.2416



19.1075, 0.2979, 0.3186



14.8543, 0.1841, 0.1826



1.6631, 0.1891, 0.2008

Inverse Universe

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



56.3124, 0.3449, 0.2811



49.6690, 0.3543, 0.2707



91.4864, 0.3633, 0.4035



18.1617, 0.3204, 0.3155



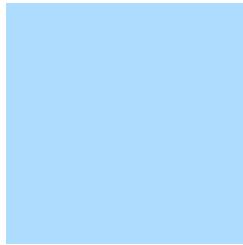
12.2275, 0.4654, 0.2338



1.2124, 0.4443, 0.2221

Previews

White Background



This preview shows how the Yxy color 67.2906, 0.2618, 0.2894 looks on a white background.

Color Contrast Check

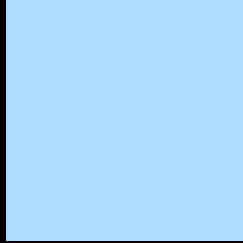
Large Text (above 18pt) WCAG AA × Fail

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 67.2906, 0.2618, 0.2894 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

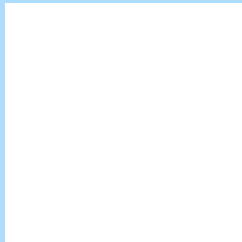
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2906, 0.2618, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 67.2906, 0.2618, 0.2894.

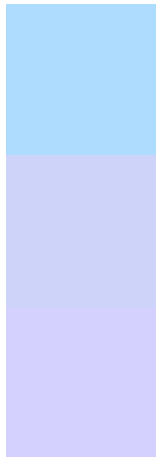


This preview shows how white text looks on a background with the Yxy color 67.2906, 0.2618, 0.2894.

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

67.2906, 0.2618, 0.2894

Protanopia

67.0483, 0.2846, 0.2887

Deuteranopia

66.9671, 0.2855, 0.2800



Tritanopia

67.0799, 0.2682, 0.3080

Trichromacy



Original Color

67.2906, 0.2618, 0.2894

Protanomaly

67.0352, 0.2759, 0.2892

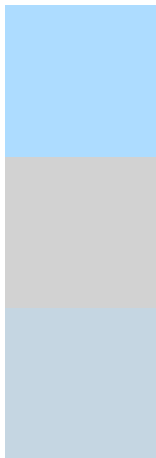
Deuteranomaly

66.8143, 0.2760, 0.2831

Tritanomaly

66.9634, 0.2660, 0.3012

Monochromacy



Original Color

67.2906, 0.2618, 0.2894

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.4544, 0.2928, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2906, 0.2618, 0.2894 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(173, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 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(173, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.2906, 0.2618, 0.2894 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(173, 220, 255) }
```

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

```
.border{ border-color:rgb(173, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 220, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 220, 255); box-shadow:4px 4px 4px 4px rgb(173, 220, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2906, 0.2618, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 220, 255) }
```

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

```
.background{ background-color: rgb(173,  
220, 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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