

Converting Colors

$Yxy(66.5871, 0.2613, 0.2916)$

Have a look what the booklet for
Yxy(66.5871, 0.2613, 0.2916)
contains.

Yxy(66.7607, 0.2616, 0.2924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.7607, 0.2616, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	AADCFC
RGB	170, 220, 252
RGB Percent	67%, 86%, 99%
CMY	0.3336, 0.1372, 0.0118
CMYK	0.33, 0.13, 0.00, 0.01
HSL	203°, 93%, 83%
HSV	203°, 33%, 99%
XYZ	59.7285, 66.7607, 101.8306
YIQ	208.6980, -40.0720, -0.6480

Conversions

Conversions Part 2

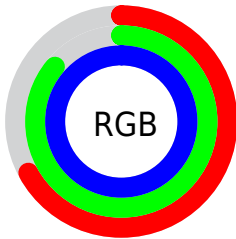
Format	Color
R _Y B	170, 201, 252
Decimal	11197692
CIE Lab	85.38, -8.73, -20.79
CIE LCh	85, 22.544, 247.229
Yxy	66.7607, 0.2616, 0.2924
Android (android.graphics.Color)	4289387772 (0xFFAADCFC)
YUV	208.6980, 21.3479, -33.9381
Hunter-Lab	81.7072, -12.5031, -16.6973

Details

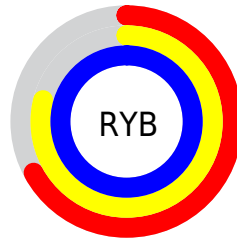
The Yxy color **66.7607, 0.2616, 0.2924** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.7897, 0.3776, 0.3628**, and the grayscale version is **63.4239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **34.4952, 0.2499, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **59.2164, 0.2464, 0.2790**, and if you desaturate by 10%, it is **75.1512, 0.2773, 0.3049**.

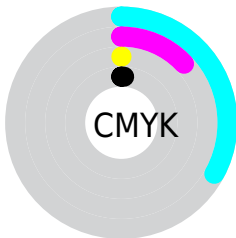
Distribution



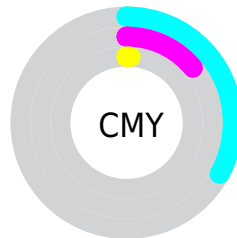
- Red (67%)
- Green (86%)
- Blue (99%)



- Red (67%)
- Yellow (79%)
- Blue (99%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7607, 0.2616, 0.2924 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 66.7607, 0.2616, 0.2924 by changing the saturation by 10% instead.

66.7607, 0.2616,
0.2924

66.7607, 0.2616,
0.2924

449.0925, 0.2852,
0.3097

48.8902, 0.2563,
0.2884

114.5775, 0.2697,
0.2985

34.5324, 0.2497,
0.2833

145.2925, 0.2729,
0.3008

23.3029, 0.2415,
0.2769

181.0578, 0.2757,
0.3028

14.8173, 0.2308,
0.2685

222.2578, 0.2780,
0.3046

8.6913, 0.2165,
0.2570

269.2769, 0.2801,
0.3061

4.5404, 0.1965,
0.2402

322.4994, 0.2820,

1.9802, 0.1668,

0.3075

0.2143

382.3098, 0.2837,
0.3087

0.5959, 0.0993,
0.1675

0.0000, 0.0000,
0.0000

66.7607, 0.2616,
0.2924

66.7607, 0.2616,
0.2924

59.2164, 0.2464,
0.2790

75.1512, 0.2773,
0.3049

52.4743, 0.2320,
0.2647

84.4133, 0.2931,
0.3162

46.4978, 0.2189,
0.2498

94.5811, 0.3088,
0.3265

41.2433, 0.2076,
0.2345

99.8081, 0.3144,
0.3319

■ 36.6612, 0.1983,
0.2192

■ 32.6925, 0.1911,
0.2042

■ 30.0784, 0.1871,
0.1934

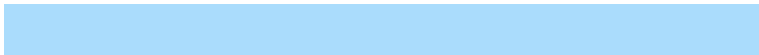
Harmonies

Analogous

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



66.7607, 0.2617, 0.3123



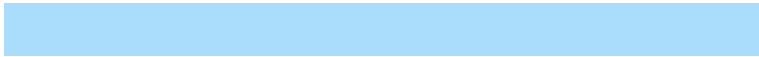
66.7607, 0.2616, 0.2924



66.7607, 0.2744, 0.2832

Triad

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



66.7607, 0.2616, 0.2924



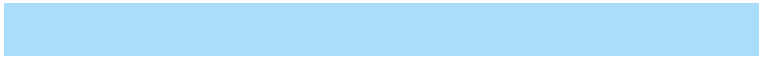
66.7607, 0.3515, 0.3184



66.7607, 0.3260, 0.3772

Complementary

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



66.7607, 0.2616, 0.2924



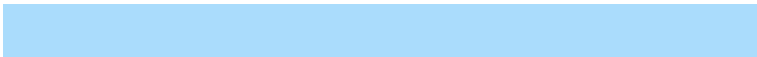
65.7897, 0.3776, 0.3628

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.



66.7607, 0.3512, 0.3768



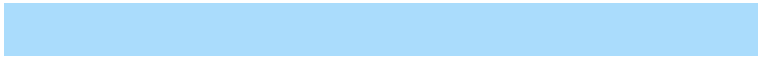
66.7607, 0.2616, 0.2924



66.7607, 0.3666, 0.3418

Square

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



66.7607, 0.2616, 0.2924



66.7607, 0.3259, 0.2983



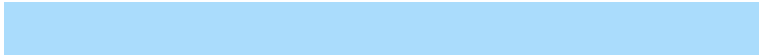
66.7607, 0.3663, 0.3632



66.7607, 0.2981, 0.3630

Rectangle

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



66.7607, 0.2616, 0.2924



66.7607, 0.2890, 0.2835



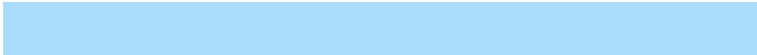
66.7607, 0.3663, 0.3632



66.7607, 0.3351, 0.3787

Sweetspot

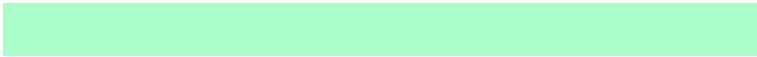
The Sweet Spot groups the original color and five complimentary colors.



66.7633, 0.2616, 0.2924



89.3044, 0.2972, 0.3190



82.3925, 0.2916, 0.3878



18.8093, 0.2950, 0.3175



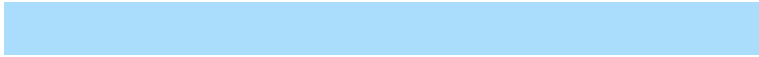
0.0000, 0.0000, 0.0000



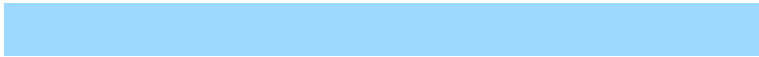
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7633, 0.2616, 0.2924



63.4844, 0.2517, 0.2838



48.0071, 0.2555, 0.2436



18.4067, 0.2980, 0.3195



15.9635, 0.1877, 0.1958



1.6844, 0.1926, 0.2134

Inverse Universe

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



54.5850, 0.3428, 0.2775



49.8571, 0.3508, 0.2671



87.3507, 0.3648, 0.4020



17.4033, 0.3198, 0.3146



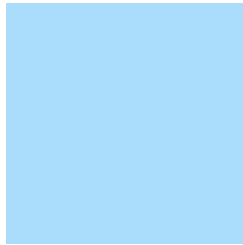
12.0224, 0.4500, 0.2253



1.1343, 0.4304, 0.2144

Previews

White Background



This preview shows how the Yxy color 66.7607, 0.2616, 0.2924 looks on a white background.

Color Contrast Check

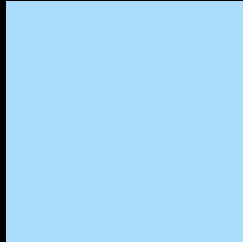
Large Text (above 18pt) WCAG AA × Fail

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 66.7607, 0.2616, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

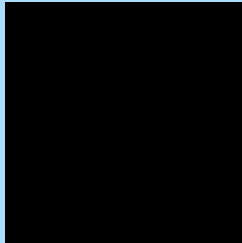
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

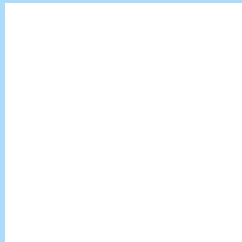
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7607, 0.2616, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 66.7607, 0.2616, 0.2924.

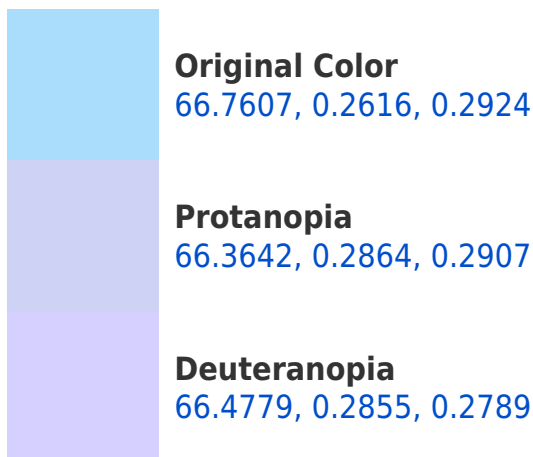


This preview shows how white text looks on a background with the Yxy color 66.7607, 0.2616, 0.2924.

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

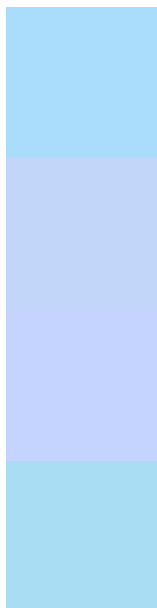




Tritanopia

66.7493, 0.2665, 0.3079

Trichromacy



Original Color

66.7607, 0.2616, 0.2924

Protanomaly

66.2079, 0.2769, 0.2911

Deuteranomaly

66.1130, 0.2758, 0.2829

Tritanomaly

66.5694, 0.2648, 0.3022

Monochromacy



Original Color

66.7607, 0.2616, 0.2924

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6268, 0.2921, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7607, 0.2616, 0.2924 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, 220, 252)` looks like.

```
.text, #text, p{  
    color:rgb(170, 220, 252)  
}
```

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, 220, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 220, 252) }
```

Border

The CSS property to change the border of an element to Yxy 66.7607, 0.2616, 0.2924 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, 220, 252) }
```

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

```
.border{ border-color:rgb(170, 220, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 220, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 220, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 220, 252);  
box-shadow:4px 4px 4px 4px rgb(170, 220,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7607, 0.2616, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 220, 252) }
```

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

```
.background{ background-color: rgb(170,  
220, 252) }
```

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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