

Converting Colors

Yxy(66.5745, 0.2631, 0.2944)

Have a look what the booklet for
Yxy(66.5745, 0.2631, 0.2944)
contains.

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Color

Yxy(66.7465, 0.2632, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	ABDCFA
RGB	171, 220, 250
RGB Percent	67%, 86%, 98%
CMY	0.3297, 0.1372, 0.0196
CMYK	0.32, 0.12, 0.00, 0.02
HSL	203°, 89%, 83%
HSV	203°, 32%, 98%
XYZ	59.6323, 66.7465, 100.1877
YIQ	208.7690, -38.8340, -1.0580

Conversions

Conversions Part 2

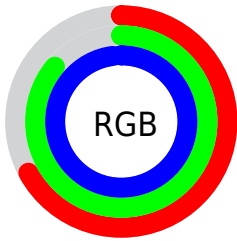
Format	Color
RYB	171, 201, 250
Decimal	11263226
CIELab	85.38, -8.92, -19.74
CIELCh	85, 21.665, 245.674
Yxy	66.7465, 0.2632, 0.2946
Android (android.graphics.Color)	4289453306 (0xFFABDCFA)
YUV	208.7690, 20.3269, -33.1234
Hunter-Lab	81.6985, -12.6841, -15.5189

Details

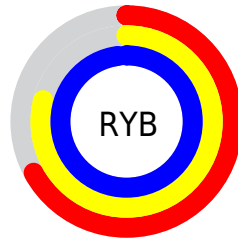
The Yxy color **66.7465, 0.2632, 0.2946** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9993, 0.3755, 0.3609**, and the grayscale version is **63.4798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **34.4735, 0.2518, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **59.3663, 0.2480, 0.2816**, and if you desaturate by 10%, it is **74.9451, 0.2789, 0.3066**.

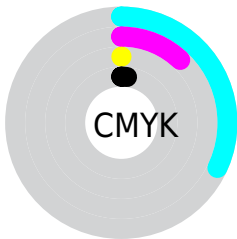
Distribution



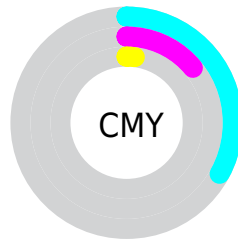
- Red (67%)
- Green (86%)
- Blue (98%)



- Red (67%)
- Yellow (79%)
- Blue (98%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)




- Cyan (33%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7465, 0.2632, 0.2946 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 66.7465, 0.2632, 0.2946 by changing the saturation by 10% instead.


 66.7465, 0.2632,
0.2946

 66.7465, 0.2632,
0.2946

449.0419, 0.2860,
0.3109

 48.8786, 0.2580,
0.2908


 114.5571, 0.2711,
0.3003

 34.5232, 0.2517,
0.2860


145.2686, 0.2742,
0.3025

 23.2958, 0.2436,
0.2800


181.0302, 0.2768,
0.3044

 14.8121, 0.2332,
0.2720

222.2261, 0.2791,
0.3061

 8.6876, 0.2193,
0.2610

269.2409, 0.2812,
0.3075

 4.5380, 0.1997,
0.2450

322.4588, 0.2830,

 1.9788, 0.1705,

0.3088

0.2201

382.2644, 0.2846,
0.3099

0.5951, 0.1020,
0.1745

0.0000, 0.0000,
0.0000

66.7465, 0.2632,
0.2946

66.7465, 0.2632,
0.2946

59.3663, 0.2480,
0.2816

74.9451, 0.2789,
0.3066

52.7620, 0.2337,
0.2678

83.9864, 0.2946,
0.3176

46.8984, 0.2206,
0.2534

93.9032, 0.3102,
0.3275

41.7338, 0.2092,
0.2386

99.6826, 0.3156,
0.3338

■ 37.2205, 0.1999,
0.2237

■ 33.3022, 0.1927,
0.2091

■ 30.4100, 0.1881,
0.1972

Harmonies

Analogous

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



66.7465, 0.2640, 0.3142



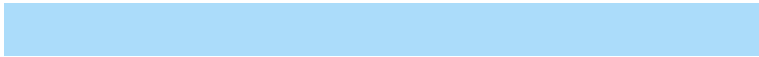
66.7465, 0.2632, 0.2946



66.7465, 0.2749, 0.2851

Triad

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



66.7465, 0.2632, 0.2946



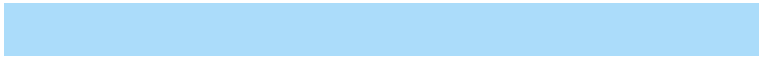
66.7465, 0.3489, 0.3177



66.7465, 0.3269, 0.3756

Complementary

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



66.7465, 0.2632, 0.2946



64.9993, 0.3755, 0.3609

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.



66.7465, 0.3508, 0.3745



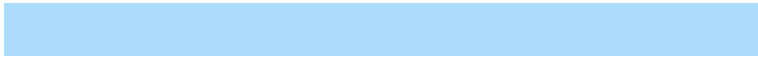
66.7465, 0.2632, 0.2946



66.7465, 0.3640, 0.3402

Square

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



66.7465, 0.2632, 0.2946



66.7465, 0.3240, 0.2986



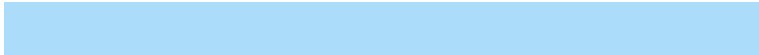
66.7465, 0.3646, 0.3610



66.7465, 0.3000, 0.3626

Rectangle

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



66.7465, 0.2632, 0.2946



66.7465, 0.2887, 0.2850



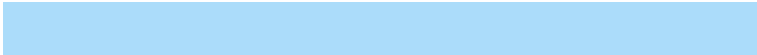
66.7465, 0.3646, 0.3610



66.7465, 0.3356, 0.3768

Sweetspot

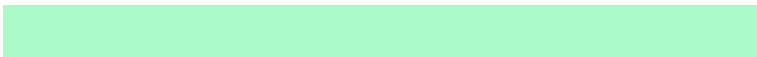
The Sweet Spot groups the original color and five complimentary colors.



66.7491, 0.2632, 0.2946



90.4762, 0.2987, 0.3203



81.1927, 0.2928, 0.3873



19.0513, 0.2965, 0.3188



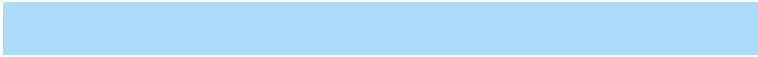
0.0000, 0.0000, 0.0000



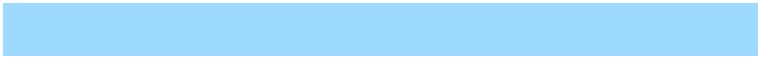
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7491, 0.2632, 0.2946



64.7727, 0.2534, 0.2864



48.7943, 0.2576, 0.2481



18.4379, 0.2980, 0.3198



16.4157, 0.1888, 0.1995



1.7247, 0.1935, 0.2167

Inverse Universe

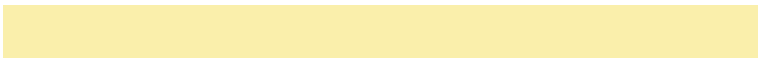
The Inverse Universe completely reimagines the original color for something new.



54.5938, 0.3409, 0.2782



50.8230, 0.3486, 0.2677



85.2680, 0.3636, 0.3986



17.4064, 0.3196, 0.3144



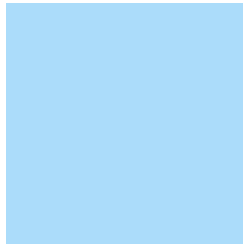
12.0681, 0.4458, 0.2230



1.1383, 0.4268, 0.2125

Previews

White Background



This preview shows how the Yxy color 66.7465, 0.2632, 0.2946 looks on a white background.

Color Contrast Check

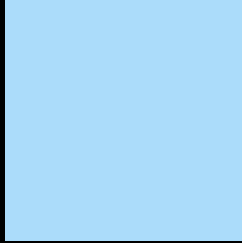
Large Text (above 18pt) WCAG AA × Fail

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 66.7465, 0.2632, 0.2946 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 66.7465, 0.2632, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 66.7465, 0.2632, 0.2946.

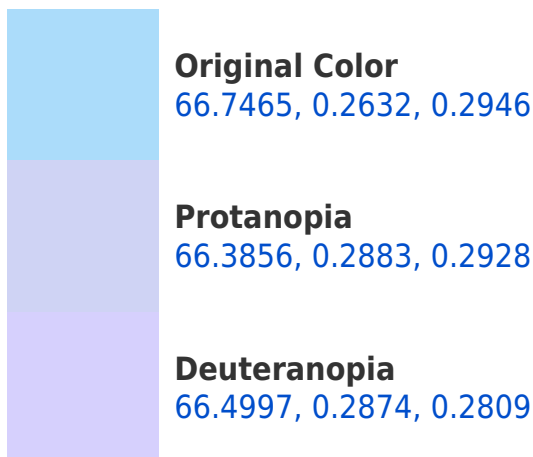


This preview shows how white text looks on a background with the Yxy color 66.7465, 0.2632, 0.2946.

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

66.9688, 0.2677, 0.3079

Trichromacy



Original Color

66.7465, 0.2632, 0.2946

Protanomaly

66.2163, 0.2787, 0.2933

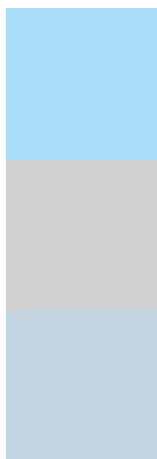
Deuteranomaly

66.1210, 0.2776, 0.2850

Tritanomaly

66.7906, 0.2660, 0.3023

Monochromacy



Original Color

66.7465, 0.2632, 0.2946

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5724, 0.2927, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7465, 0.2632, 0.2946 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(171, 220, 250)` looks like.

```
.text, #text, p{  
    color:rgb(171, 220, 250)  
}
```

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(171, 220, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 220, 250) }
```

Border

The CSS property to change the border of an element to Yxy 66.7465, 0.2632, 0.2946 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(171, 220, 250) }
```

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

```
.border{ border-color:rgb(171, 220, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 220, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 220, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 220, 250);  
box-shadow:4px 4px 4px 4px rgb(171, 220,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7465, 0.2632, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 220, 250) }
```

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

```
.background{ background-color: rgb(171,  
220, 250) }
```

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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