

Converting Colors

$Yxy(76.3034, 0.2161, 0.1949)$

Have a look what the booklet for
Yxy(76.3034, 0.2161, 0.1949)
contains.

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Color

Yxy(66.7673, 0.2616, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	ADDDBFF
RGB	173, 219, 255
RGB Percent	68%, 86%, 100%
CMY	0.3218, 0.1411, 0.0000
CMYK	0.32, 0.14, 0.00, 0.00
HSL	206°, 100%, 84%
HSV	206°, 32%, 100%
XYZ	60.6049, 66.7673, 104.2978
YIQ	209.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

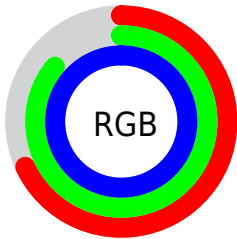
Format	Color
RYB	173, 202, 255
Decimal	11394047
CIELab	85.39, -6.66, -22.35
CIELCh	85, 23.318, 253.416
Yxy	66.7673, 0.2616, 0.2882
Android (android.graphics.Color)	4289584127 (0xFFADDBFF)
YUV	209.3500, 22.5055, -31.8789
Hunter-Lab	81.7113, -10.6021, -18.4810

Details

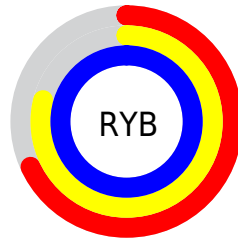
The Yxy color **66.7673, 0.2616, 0.2882** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.8383, 0.3754, 0.3664**, and the grayscale version is **63.8650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **34.4797, 0.2498, 0.2784** is the 20% darker color. If you saturate the color by 10%, you get **58.4959, 0.2458, 0.2730**, and if you desaturate by 10%, it is **75.9906, 0.2777, 0.3023**.

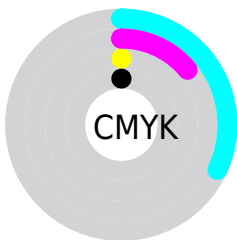
Distribution



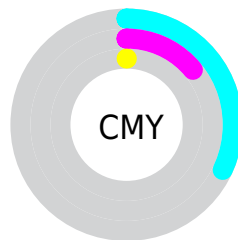
- Red (68%)
- Green (86%)
- Blue (100%)



- Red (68%)
- Yellow (79%)
- 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 66.7673, 0.2616, 0.2882 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 66.7673, 0.2616, 0.2882 by changing the saturation by 10% instead.

66.7673, 0.2616,
0.2882

66.7673, 0.2616,
0.2882

449.1160, 0.2852,
0.3074

48.8955, 0.2563,
0.2838

114.5869, 0.2697,
0.2949

34.5366, 0.2497,
0.2783

145.3036, 0.2729,
0.2975

23.3062, 0.2415,
0.2713

181.0706, 0.2757,
0.2997

14.8197, 0.2308,
0.2621

222.2725, 0.2780,
0.3017

8.6930, 0.2165,
0.2497

269.2936, 0.2801,
0.3034

4.5415, 0.1966,
0.2318

322.5183, 0.2820,

1.9808, 0.1671,

0.3049

0.2046

382.3309, 0.2837,
0.3062

0.5963, 0.1056,
0.1558

0.0000, 0.0000,
0.0000

66.7673, 0.2616,
0.2882

66.7673, 0.2616,
0.2882

58.4959, 0.2458,
0.2730

75.9906, 0.2777,
0.3023

51.1291, 0.2308,
0.2568

86.1944, 0.2937,
0.3151

44.6270, 0.2169,
0.2398

97.4156, 0.3094,
0.3267

38.9422, 0.2048,
0.2225

99.9999, 0.3127,
0.3290

■ 34.0213, 0.1947,
0.2052

■ 29.8012, 0.1869,
0.1884

■ 26.9195, 0.1822,
0.1758

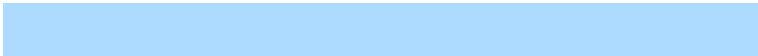
Harmonies

Analogous

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



66.7673, 0.2589, 0.3067



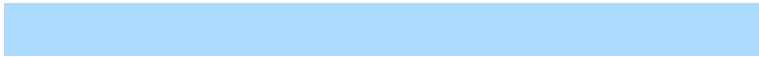
66.7673, 0.2616, 0.2882



66.7673, 0.2773, 0.2812

Triad

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



66.7673, 0.2616, 0.2882



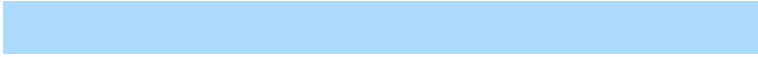
66.7673, 0.3572, 0.3229



66.7673, 0.3204, 0.3771

Complementary

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



66.7673, 0.2616, 0.2882



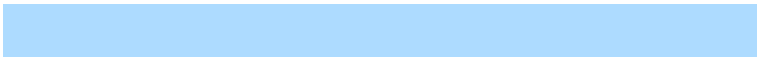
69.8383, 0.3754, 0.3664

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.



66.7673, 0.3477, 0.3798



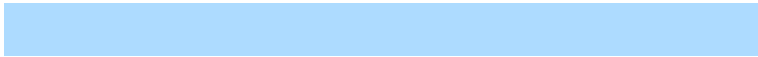
66.7673, 0.2616, 0.2882



66.7673, 0.3697, 0.3471

Square

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



66.7673, 0.2616, 0.2882



66.7673, 0.3323, 0.3010



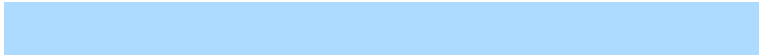
66.7673, 0.3661, 0.3681



66.7673, 0.2920, 0.3596

Rectangle

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



66.7673, 0.2616, 0.2882



66.7673, 0.2936, 0.2832



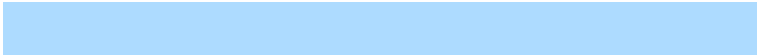
66.7673, 0.3661, 0.3681



66.7673, 0.3301, 0.3798

Sweetspot

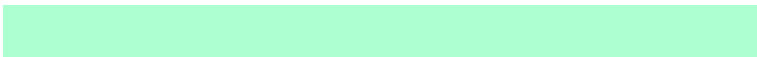
The Sweet Spot groups the original color and five complimentary colors.



66.7699, 0.2616, 0.2882



88.5525, 0.2972, 0.3177



84.9752, 0.2897, 0.3821



18.6273, 0.2949, 0.3160



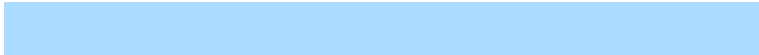
0.0000, 0.0000, 0.0000



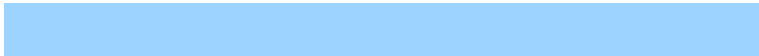
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7699, 0.2616, 0.2882



61.0264, 0.2508, 0.2779



48.1037, 0.2556, 0.2398



19.0701, 0.2979, 0.3183



14.3690, 0.1829, 0.1784



1.6168, 0.1881, 0.1971

Inverse Universe

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



56.2407, 0.3457, 0.2820



49.6090, 0.3554, 0.2718



92.3525, 0.3630, 0.4048



18.1579, 0.3206, 0.3157



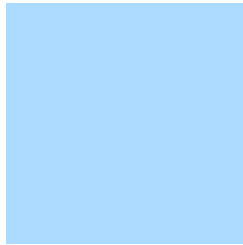
12.1785, 0.4704, 0.2365



1.2078, 0.4486, 0.2245

Previews

White Background



This preview shows how the Yxy color 66.7673, 0.2616, 0.2882 looks on a white background.

Color Contrast Check

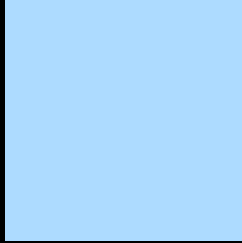
Large Text (above 18pt) WCAG AA × Fail

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 66.7673, 0.2616, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

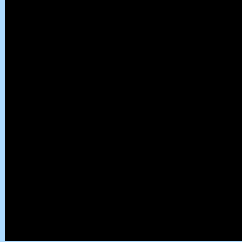
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

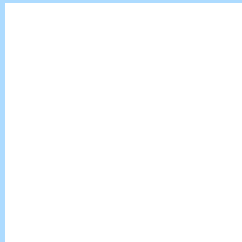
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7673, 0.2616, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 66.7673, 0.2616, 0.2882.



This preview shows how white text looks on a background with the Yxy color 66.7673, 0.2616, 0.2882.

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

66.7673, 0.2616, 0.2882

Protanopia

66.4698, 0.2833, 0.2865

Deuteranopia

66.1806, 0.2841, 0.2787



Tritanopia

66.9096, 0.2682, 0.3091

Trichromacy



Original Color

66.7673, 0.2616, 0.2882

Protanomaly

66.4589, 0.2746, 0.2869

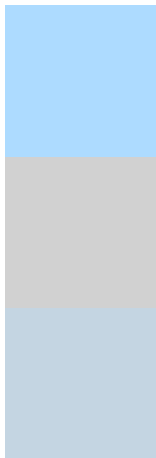
Deuteranomaly

66.1773, 0.2752, 0.2819

Tritanomaly

66.8515, 0.2654, 0.3012

Monochromacy



Original Color

66.7673, 0.2616, 0.2882

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8152, 0.2921, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7673, 0.2616, 0.2882 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.7673, 0.2616, 0.2882 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, 219, 255) }
```

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

```
.border{ border-color:rgb(173, 219, 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, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7673, 0.2616, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 255) }
```

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

```
.background{ background-color: rgb(173,  
219, 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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