

Converting Colors

$Yxy(66.0878, 0.2557, 0.2887)$

Have a look what the booklet for
Yxy(66.0878, 0.2557, 0.2887)
contains.

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Color

Yxy(66.0878, 0.2557, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	A2DCFF
RGB	162, 220, 255
RGB Percent	64%, 86%, 100%
CMY	0.3650, 0.1372, 0.0000
CMYK	0.37, 0.14, 0.00, 0.00
HSL	203°, 100%, 82%
HSV	203°, 37%, 100%
XYZ	58.5336, 66.0878, 104.2937
YIQ	206.6480, -45.8030, -1.4110

Conversions

Conversions Part 2

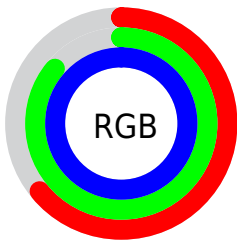
Format	Color
R _Y B	162, 198, 255
Decimal	10673407
CIE Lab	85.04, -10.13, -22.94
CIE LCh	85, 25.077, 246.180
Yxy	66.0878, 0.2557, 0.2887
Android (android.graphics.Color)	4288863487 (0xFFA2DCFF)
YUV	206.6480, 23.8375, -39.1563
Hunter-Lab	81.2944, -13.7416, -19.1579

Details

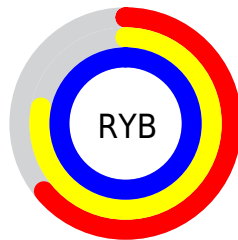
The Yxy color **66.0878, 0.2557, 0.2887** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.7555, 0.3883, 0.3657**, and the grayscale version is **62.0157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **34.0517, 0.2424, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **58.7975, 0.2409, 0.2754**, and if you desaturate by 10%, it is **74.2106, 0.2712, 0.3011**.

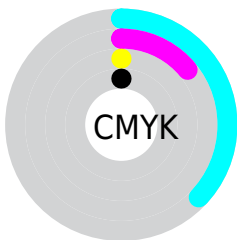
Distribution



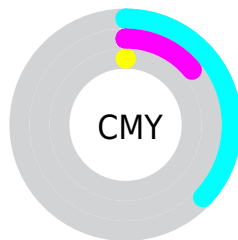
- Red (64%)
- Green (86%)
- Blue (100%)



- Red (64%)
- Yellow (78%)
- Blue (100%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)




- Cyan (37%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0878, 0.2557, 0.2887 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 66.0878, 0.2557, 0.2887 by changing the saturation by 10% instead.


 66.0878, 0.2557,
0.2887


 66.0878, 0.2557,
0.2887

446.6908, 0.2819,
0.3078

 48.3437, 0.2498,
0.2842


 113.6123, 0.2648,
0.2954

 34.0991, 0.2425,
0.2787


 144.1616, 0.2683,
0.2980

 22.9698, 0.2334,
0.2716


179.7479, 0.2713,
0.3002

 14.5712, 0.2216,
0.2623

220.7558, 0.2740,
0.3022

 8.5190, 0.2059,
0.2496

267.5697, 0.2763,
0.3038

 4.4288, 0.1842,
0.2312

320.5739, 0.2784,

 1.9162, 0.1524,

0.3053

0.2030

380.1528, 0.2803,
0.3067

0.5581, 0.0772,
0.1522

0.0000, 0.0000,
0.0000

66.0878, 0.2557,
0.2887

66.0878, 0.2557,
0.2887

58.7975, 0.2409,
0.2754

74.2106, 0.2712,
0.3011

52.2979, 0.2272,
0.2614

83.1966, 0.2869,
0.3125

46.5489, 0.2149,
0.2469

93.0797, 0.3026,
0.3228

41.5041, 0.2046,
0.2322

100.0000, 0.3127,
0.3290

■ 37.1097, 0.1963,
0.2175

■ 33.2997, 0.1902,
0.2032

■ 32.0714, 0.1884,
0.1983

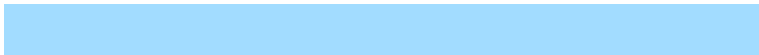
Harmonies

Analogous

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



66.0878, 0.2563, 0.3111



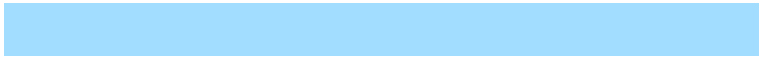
66.0878, 0.2557, 0.2887



66.0878, 0.2694, 0.2782

Triad

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



66.0878, 0.2557, 0.2887



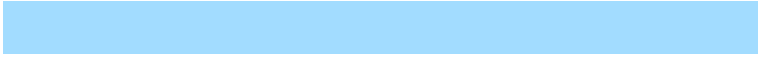
66.0878, 0.3552, 0.3162



66.0878, 0.3285, 0.3834

Complementary

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



66.0878, 0.2557, 0.2887



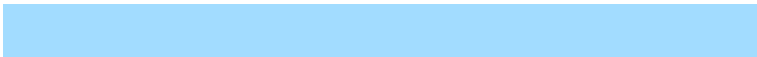
63.7555, 0.3883, 0.3657

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.



66.0878, 0.3563, 0.3820



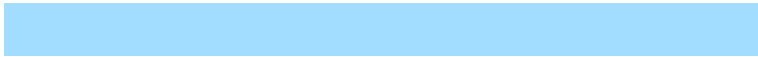
66.0878, 0.2557, 0.2887



66.0878, 0.3726, 0.3421

Square

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



66.0878, 0.2557, 0.2887



66.0878, 0.3262, 0.2942



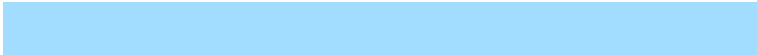
66.0878, 0.3729, 0.3661



66.0878, 0.2973, 0.3679

Rectangle

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



66.0878, 0.2557, 0.2887



66.0878, 0.2853, 0.2784



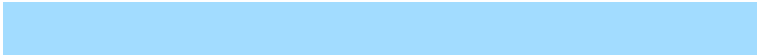
66.0878, 0.3729, 0.3661



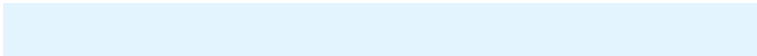
66.0878, 0.3386, 0.3848

Sweetspot

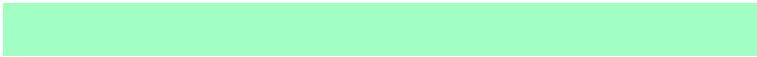
The Sweet Spot groups the original color and five complimentary colors.



66.0892, 0.2557, 0.2887



88.5199, 0.2956, 0.3183



83.1812, 0.2901, 0.3982



18.6606, 0.2935, 0.3169



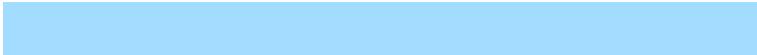
0.0000, 0.0000, 0.0000



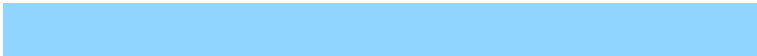
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0892, 0.2557, 0.2887



60.5451, 0.2445, 0.2788



45.2945, 0.2478, 0.2332



19.2669, 0.2979, 0.3198



17.0545, 0.1891, 0.2006



1.8708, 0.1936, 0.2168

Inverse Universe

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



52.2419, 0.3465, 0.2699



45.6404, 0.3561, 0.2579



87.7218, 0.3719, 0.4094



18.1778, 0.3196, 0.3143



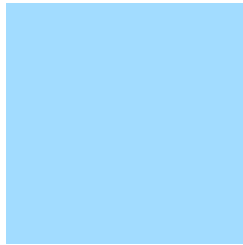
12.4496, 0.4446, 0.2223



1.2334, 0.4266, 0.2124

Previews

White Background



This preview shows how the Yxy color 66.0878, 0.2557, 0.2887 looks on a white background.

Color Contrast Check

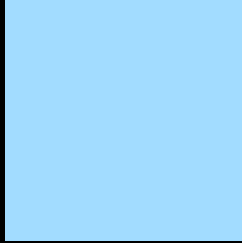
Large Text (above 18pt) WCAG AA × Fail

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 66.0878, 0.2557, 0.2887 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

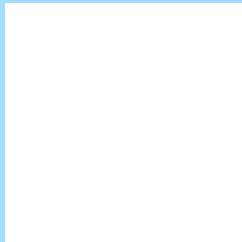
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0878, 0.2557, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 66.0878, 0.2557, 0.2887.

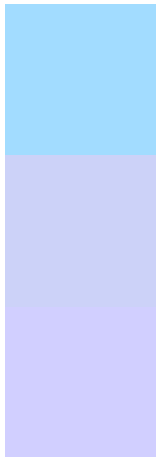


This preview shows how white text looks on a background with the Yxy color 66.0878, 0.2557, 0.2887.

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

66.0878, 0.2557, 0.2887

Protanopia

65.7079, 0.2838, 0.2873

Deuteranopia

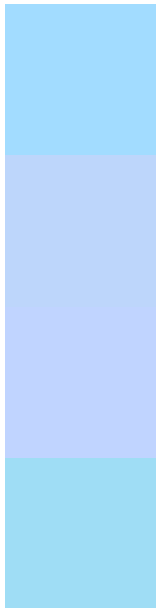
65.4010, 0.2827, 0.2774



Tritanopia

65.8029, 0.2615, 0.3076

Trichromacy



Original Color

66.0878, 0.2557, 0.2887

Protanomaly

65.8770, 0.2727, 0.2877

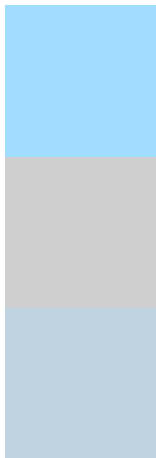
Deuteranomaly

65.5134, 0.2721, 0.2815

Tritanomaly

65.6764, 0.2593, 0.3007

Monochromacy



Original Color

66.0878, 0.2557, 0.2887

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.5452, 0.2899, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0878, 0.2557, 0.2887 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(162, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.0878, 0.2557, 0.2887 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(162, 220, 255) }
```

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

```
.border{ border-color:rgb(162, 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(162, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 220,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0878, 0.2557, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 220, 255) }
```

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

```
.background{ background-color: rgb(162,  
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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