

Converting Colors

Yxy(66.0557, 0.2631, 0.2988)

Have a look what the booklet for
Yxy(66.0557, 0.2631, 0.2988)
contains.

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Color

Yxy(66.0557, 0.2631, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	A7DCF6
RGB	167, 220, 246
RGB Percent	65%, 86%, 96%
CMY	0.3450, 0.1372, 0.0354
CMYK	0.32, 0.11, 0.00, 0.04
HSL	200°, 81%, 81%
HSV	200°, 32%, 96%
XYZ	58.1635, 66.0557, 96.8507
YIQ	207.1170, -39.9340, -3.1500

Conversions

Conversions Part 2

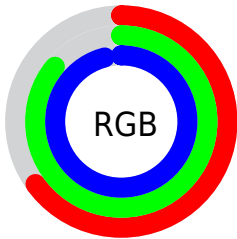
Format	Color
R _{YB}	167, 199, 246
Decimal	11001078
CIE _{Lab}	85.02, -10.96, -18.16
CIE _{LCh}	85, 21.211, 238.903
Yxy	66.0557, 0.2631, 0.2988
Android (android.graphics.Color)	4289191158 (0xFFA7DCF6)
YUV	207.1170, 19.1693, -35.1826
Hunter-Lab	81.2747, -14.4887, -13.7605

Details

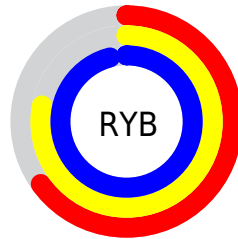
The Yxy color **66.0557, 0.2631, 0.2988** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.5150, 0.3780, 0.3572**, and the grayscale version is **62.3728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **34.0727, 0.2510, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **59.4839, 0.2484, 0.2876**, and if you desaturate by 10%, it is **73.3478, 0.2784, 0.3092**.

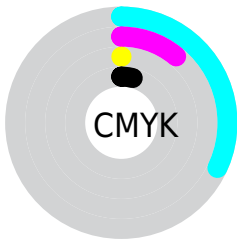
Distribution



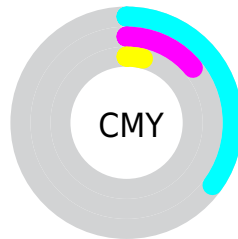
- Red (65%)
- Green (86%)
- Blue (96%)



- Red (65%)
- Yellow (78%)
- Blue (96%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)





- Cyan (35%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0557, 0.2631, 0.2988 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 66.0557, 0.2631, 0.2988 by changing the saturation by 10% instead.


 66.0557, 0.2631,
0.2988


 66.0557, 0.2631,
0.2988


446.5761, 0.2860,
0.3133

 48.3176, 0.2579,
0.2954


 113.5663, 0.2710,
0.3039

 34.0785, 0.2515,
0.2911


 144.1076, 0.2741,
0.3059

 22.9539, 0.2434,
0.2857

179.6854, 0.2768,
0.3075

 14.5595, 0.2329,
0.2784

220.6841, 0.2791,
0.3090

 8.5108, 0.2188,
0.2683

267.4881, 0.2812,
0.3103

 4.4235, 0.1988,
0.2534

320.4819, 0.2830,

 1.9132, 0.1690,

0.3114

0.2297

380.0497, 0.2846,
0.3124

0.5563, 0.0868,
0.1848

0.0000, 0.0000,
0.0000

66.0557, 0.2631,
0.2988

66.0557, 0.2631,
0.2988

59.4839, 0.2484,
0.2876

73.3478, 0.2784,
0.3092

53.5927, 0.2348,
0.2758

81.3818, 0.2939,
0.3187

48.3499, 0.2225,
0.2634

90.1879, 0.3095,
0.3273

43.7168, 0.2120,
0.2508

97.7638, 0.3181,
0.3351

■ 39.6492, 0.2035,
0.2380

■ 99.4322, 0.3179,
0.3376

■ 36.0943, 0.1971,
0.2254

■ 33.5858, 0.1932,
0.2156

Harmonies

Analogous

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



66.0557, 0.2667, 0.3198



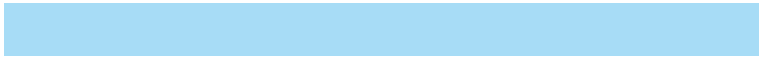
66.0557, 0.2631, 0.2988



66.0557, 0.2720, 0.2870

Triad

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



66.0557, 0.2631, 0.2988



66.0557, 0.3434, 0.3132



66.0557, 0.3325, 0.3758

Complementary

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



66.0557, 0.2631, 0.2988



60.5150, 0.3780, 0.3572

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.



66.0557, 0.3542, 0.3716



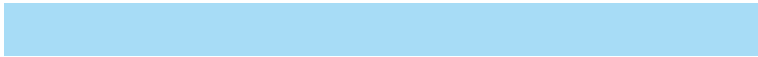
66.0557, 0.2631, 0.2988



66.0557, 0.3609, 0.3350

Square

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



66.0557, 0.2631, 0.2988



66.0557, 0.3177, 0.2957



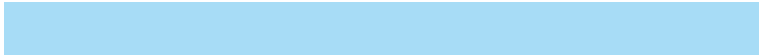
66.0557, 0.3649, 0.3563



66.0557, 0.3061, 0.3660

Rectangle

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



66.0557, 0.2631, 0.2988



66.0557, 0.2841, 0.2852



66.0557, 0.3649, 0.3563



66.0557, 0.3406, 0.3759

Sweetspot

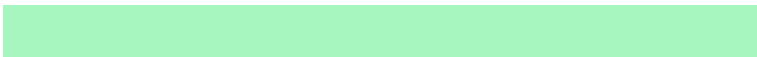
The Sweet Spot groups the original color and five complimentary colors.



66.0583, 0.2631, 0.2988



90.2450, 0.2972, 0.3206



77.9200, 0.2947, 0.3932



19.0374, 0.2950, 0.3193



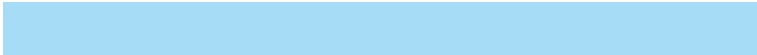
0.0000, 0.0000, 0.0000



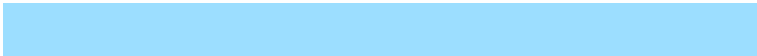
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0583, 0.2631, 0.2988



66.6386, 0.2528, 0.2911



48.1199, 0.2573, 0.2517



17.7854, 0.2980, 0.3210



18.1983, 0.1938, 0.2177



1.7868, 0.1981, 0.2333

Inverse Universe

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



52.4009, 0.3380, 0.2736



50.1755, 0.3453, 0.2614



79.8104, 0.3655, 0.3959



16.6702, 0.3188, 0.3132



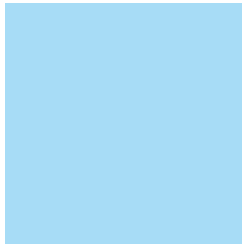
11.9365, 0.4257, 0.2119



1.0680, 0.4092, 0.2028

Previews

White Background



This preview shows how the Yxy color 66.0557, 0.2631, 0.2988 looks on a white background.

Color Contrast Check

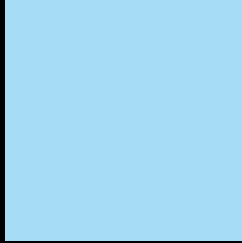
Large Text (above 18pt) WCAG AA × Fail

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 66.0557, 0.2631, 0.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

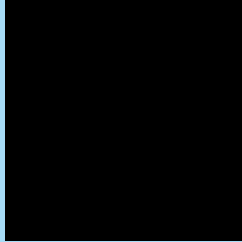
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0557, 0.2631, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 66.0557, 0.2631, 0.2988.

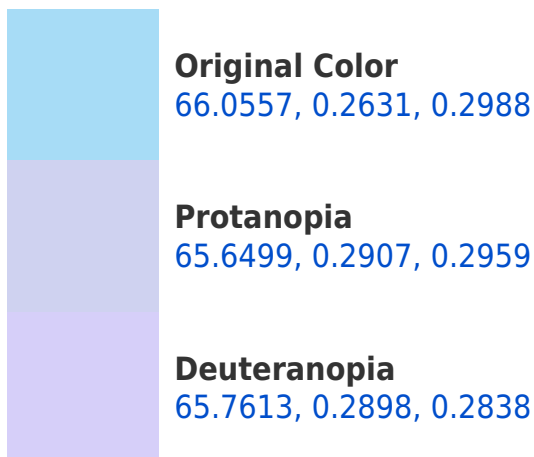


This preview shows how white text looks on a background with the Yxy color 66.0557, 0.2631, 0.2988.

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

65.9442, 0.2658, 0.3077

Trichromacy



Original Color

66.0557, 0.2631, 0.2988

Protanomaly

65.7104, 0.2798, 0.2974

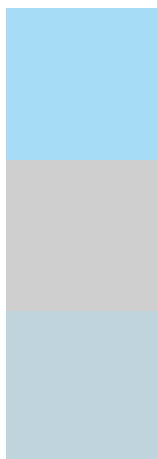
Deuteranomaly

65.7346, 0.2793, 0.2891

Tritanomaly

66.2307, 0.2648, 0.3044

Monochromacy



Original Color

66.0557, 0.2631, 0.2988

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.5139, 0.2925, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0557, 0.2631, 0.2988 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(167, 220, 246)` looks like.

```
.text, #text, p{  
    color:rgb(167, 220, 246)  
}
```

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(167, 220, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 220, 246) }
```

Border

The CSS property to change the border of an element to Yxy 66.0557, 0.2631, 0.2988 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(167, 220, 246) }
```

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

```
.border{ border-color:rgb(167, 220, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 220, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 220, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 220, 246);  
box-shadow:4px 4px 4px 4px rgb(167, 220,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0557, 0.2631, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 220, 246) }
```

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

```
.background{ background-color: rgb(167,  
220, 246) }
```

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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