

Converting Colors

$Yxy(66.5034, 0.2598, 0.3000)$

Have a look what the booklet for
Yxy(66.5034, 0.2598, 0.3000)
contains.

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Color

Yxy(66.5350, 0.2596, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	A1DEF7
RGB	161, 222, 247
RGB Percent	63%, 87%, 97%
CMY	0.3684, 0.1294, 0.0315
CMYK	0.35, 0.10, 0.00, 0.03
HSL	197°, 84%, 80%
HSV	197°, 35%, 97%
XYZ	57.6134, 66.5350, 97.7829
YIQ	206.6110, -44.3810, -5.1570

Conversions

Conversions Part 2

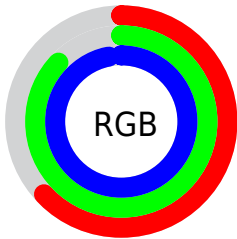
Format	Color
R _Y B	161, 197, 247
Decimal	10608375
CIE Lab	85.27, -13.35, -18.36
CIE LCh	85, 22.698, 233.977
Yxy	66.5350, 0.2596, 0.2998
Android (android.graphics.Color)	4288798455 (0xFFA1DEF7)
YUV	206.6110, 19.9118, -40.0008
Hunter-Lab	81.5690, -16.6686, -13.9771

Details

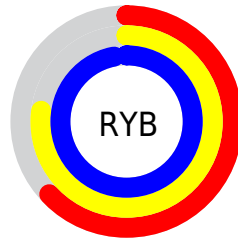
The Yxy color **66.5350, 0.2596, 0.2998** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4817, 0.3864, 0.3562**, and the grayscale version is **62.0330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **34.4632, 0.2471, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **60.4849, 0.2456, 0.2898**, and if you desaturate by 10%, it is **73.2596, 0.2745, 0.3091**.

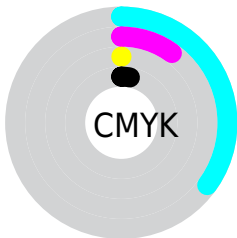
Distribution



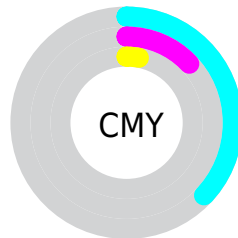
- Red (63%)
- Green (87%)
- Blue (97%)



- Red (63%)
- Yellow (77%)
- Blue (97%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)





- Cyan (37%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5350, 0.2596, 0.2998 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 66.5350, 0.2596, 0.2998 by changing the saturation by 10% instead.


 66.5350, 0.2596,
0.2998


 66.5350, 0.2596,
0.2998


448.2878, 0.2841,
0.3139

 48.7068, 0.2541,
0.2965

 114.2539, 0.2681,
0.3048

 34.3870, 0.2473,
0.2923


 144.9133, 0.2714,
0.3067

 23.1910, 0.2387,
0.2869


180.6187, 0.2742,
0.3083

 14.7346, 0.2276,
0.2798

221.7544, 0.2767,
0.3097

 8.6334, 0.2127,
0.2698

268.7047, 0.2789,
0.3110

 4.5028, 0.1919,
0.2551

321.8541, 0.2808,

 1.9586, 0.1610,

0.3120

381.5870, 0.2825,
0.3130

0.2316

0.5833, 0.0742,
0.1894

0.0000, 0.0000,
0.0000

66.5350, 0.2596,
0.2998

66.5350, 0.2596,
0.2998

60.4849, 0.2456,
0.2898

73.2596, 0.2745,
0.3091

55.0696, 0.2328,
0.2793

80.6804, 0.2898,
0.3177

50.2565, 0.2215,
0.2684

88.8274, 0.3053,
0.3255

46.0061, 0.2121,
0.2573

96.7946, 0.3176,
0.3326

■ 42.2729, 0.2047,
0.2462

■ 99.4941, 0.3174,
0.3367

■ 39.0014, 0.1993,
0.2352

■ 37.4375, 0.1971,
0.2295

Harmonies

Analogous

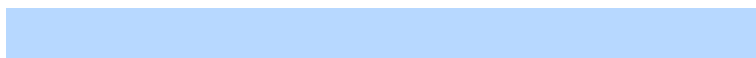
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5350, 0.2656, 0.3234



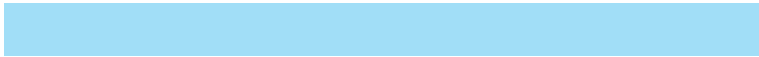
66.5350, 0.2596, 0.2998



66.5350, 0.2669, 0.2855

Triad

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



66.5350, 0.2596, 0.2998



66.5350, 0.3413, 0.3087



66.5350, 0.3381, 0.3793

Complementary

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



66.5350, 0.2596, 0.2998



57.4817, 0.3864, 0.3562

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.



66.5350, 0.3598, 0.3725



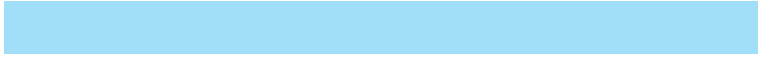
66.5350, 0.2596, 0.2998



66.5350, 0.3620, 0.3314

Square

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



66.5350, 0.2596, 0.2998



66.5350, 0.3132, 0.2912



66.5350, 0.3688, 0.3545



66.5350, 0.3102, 0.3713

Rectangle

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



66.5350, 0.2596, 0.2998



66.5350, 0.2786, 0.2823



66.5350, 0.3688, 0.3545



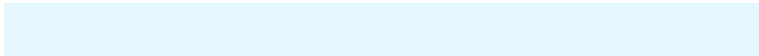
66.5350, 0.3464, 0.3785

Sweetspot

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



66.5376, 0.2596, 0.2998



90.8404, 0.2972, 0.3215



77.6115, 0.2949, 0.4032



19.1819, 0.2950, 0.3204



0.0000, 0.0000, 0.0000



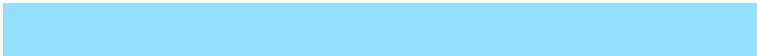
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5376, 0.2596, 0.2998



66.7416, 0.2493, 0.2926



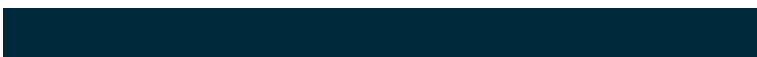
46.8094, 0.2526, 0.2476



17.8962, 0.2980, 0.3220



20.0601, 0.1976, 0.2314



1.9396, 0.2014, 0.2451

Inverse Universe

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



50.5549, 0.3378, 0.2656



47.7826, 0.3448, 0.2525



78.0322, 0.3712, 0.3988



16.6813, 0.3183, 0.3124



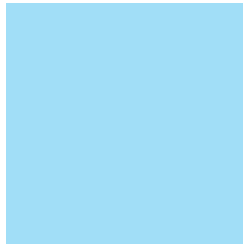
12.1245, 0.4112, 0.2039



1.0834, 0.3972, 0.1962

Previews

White Background



This preview shows how the Yxy color 66.5350, 0.2596, 0.2998 looks on a white background.

Color Contrast Check

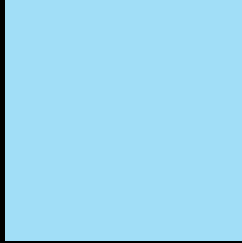
Large Text (above 18pt) WCAG AA × Fail

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 66.5350, 0.2596, 0.2998 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 66.5350, 0.2596, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 66.5350, 0.2596, 0.2998.

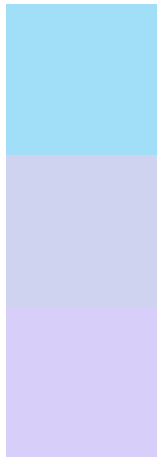


This preview shows how white text looks on a background with the Yxy color 66.5350, 0.2596, 0.2998.

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

66.5350, 0.2596, 0.2998

Protanopia

66.2897, 0.2915, 0.2971

Deuteranopia

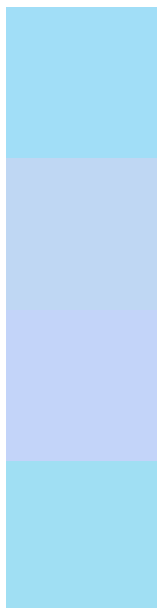
65.9748, 0.2899, 0.2829



Tritanopia

66.5998, 0.2622, 0.3077

Trichromacy



Original Color

66.5350, 0.2596, 0.2998

Protanomaly

66.1483, 0.2786, 0.2974

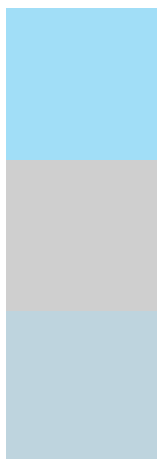
Deuteranomaly

65.5286, 0.2774, 0.2879

Tritanomaly

66.7200, 0.2612, 0.3054

Monochromacy



Original Color

66.5350, 0.2596, 0.2998

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3080, 0.2905, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5350, 0.2596, 0.2998 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(161, 222, 247)` looks like.

```
.text, #text, p{  
    color:rgb(161, 222, 247)  
}
```

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(161, 222, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 222, 247) }
```

Border

The CSS property to change the border of an element to Yxy 66.5350, 0.2596, 0.2998 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(161, 222, 247) }
```

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

```
.border{ border-color:rgb(161, 222, 247) }
```

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

Here you see how a box with a 4 pixel rgb(161, 222, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(161, 222,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5350, 0.2596, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 222, 247) }
```

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

```
.background{ background-color: rgb(161,  
222, 247) }
```

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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