

Converting Colors

$Yxy(66.4959, 0.2589, 0.2990)$

Have a look what the booklet for
Yxy(66.4959, 0.2589, 0.2990)
contains.

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Color

Yxy(66.4934, 0.2585, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	A0DEF8
RGB	160, 222, 248
RGB Percent	63%, 87%, 97%
CMY	0.3726, 0.1294, 0.0274
CMYK	0.35, 0.10, 0.00, 0.03
HSL	198°, 86%, 80%
HSV	198°, 35%, 97%
XYZ	57.5638, 66.4934, 98.6267
YIQ	206.4260, -45.2980, -5.0580

Conversions

Conversions Part 2

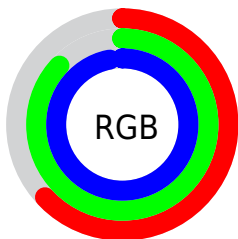
Format	Color
RYB	160, 196, 248
Decimal	10542840
CIELab	85.25, -13.38, -18.95
CIELCh	85, 23.195, 234.774
Yxy	66.4934, 0.2585, 0.2986
Android (android.graphics.Color)	4288732920 (0xFFA0DEF8)
YUV	206.4260, 20.4960, -40.7156
Hunter-Lab	81.5435, -16.6931, -14.6307

Details

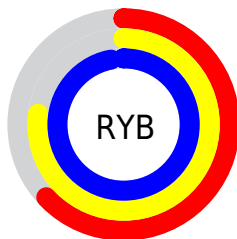
The Yxy color **66.4934, 0.2585, 0.2986** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.6255, 0.3882, 0.3572**, and the grayscale version is **61.8982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **34.4465, 0.2459, 0.2905** is the 20% darker color. If you saturate the color by 10%, you get **60.3790, 0.2445, 0.2884**, and if you desaturate by 10%, it is **73.2922, 0.2734, 0.3081**.

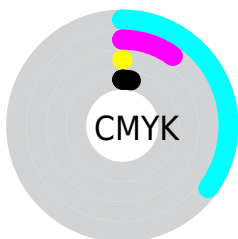
Distribution



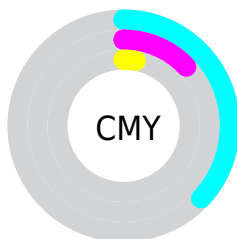
- Red (63%)
- Green (87%)
- Blue (97%)



- 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 66.4934, 0.2585, 0.2986 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 66.4934, 0.2585, 0.2986 by changing the saturation by 10% instead.


 66.4934, 0.2585,
0.2986


 66.4934, 0.2585,
0.2986


448.1394, 0.2835,
0.3132

 48.6730, 0.2529,
0.2951


 114.1942, 0.2671,
0.3038

 34.3602, 0.2459,
0.2908


 144.8434, 0.2705,
0.3058

 23.1704, 0.2372,
0.2852


180.5378, 0.2734,
0.3075

 14.7194, 0.2259,
0.2778

221.6616, 0.2759,
0.3089

 8.6227, 0.2108,
0.2675

268.5992, 0.2781,
0.3102

 4.4959, 0.1897,
0.2523

321.7351, 0.2801,

 1.9547, 0.1584,

0.3113

0.2281

381.4537, 0.2819,
0.3123

■ 0.5809, 0.0718,
0.1848

■ 0.0000, 0.0000,
0.0000

■ 66.4934, 0.2585,
0.2986

■ 66.4934, 0.2585,
0.2986

■ 60.3790, 0.2445,
0.2884

■ 73.2922, 0.2734,
0.3081

■ 54.9087, 0.2317,
0.2777

■ 80.7978, 0.2887,
0.3169

■ 50.0492, 0.2205,
0.2666

■ 89.0406, 0.3042,
0.3249

■ 45.7601, 0.2112,
0.2552

■ 97.2401, 0.3170,
0.3322

■ 41.9947, 0.2038,
0.2439

■ 99.5589, 0.3167,
0.3357

■ 38.6958, 0.1985,
0.2327

■ 37.3235, 0.1966,
0.2278

Harmonies

Analogous

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



66.4934, 0.2643, 0.3225



66.4934, 0.2585, 0.2986



66.4934, 0.2663, 0.2843

Triad

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



66.4934, 0.2585, 0.2986



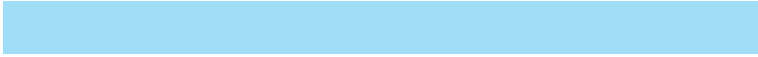
66.4934, 0.3426, 0.3088



66.4934, 0.3379, 0.3804

Complementary

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



66.4934, 0.2585, 0.2986



57.6255, 0.3882, 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.



66.4934, 0.3604, 0.3737



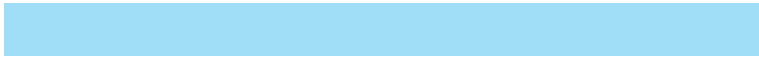
66.4934, 0.2585, 0.2986



66.4934, 0.3635, 0.3320

Square

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



66.4934, 0.2585, 0.2986



66.4934, 0.3140, 0.2908



66.4934, 0.3701, 0.3556



66.4934, 0.3094, 0.3719

Rectangle

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



66.4934, 0.2585, 0.2986



66.4934, 0.2784, 0.2813



66.4934, 0.3701, 0.3556



66.4934, 0.3465, 0.3798

Sweetspot

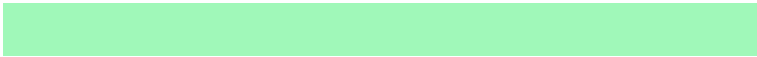
The Sweet Spot groups the original color and five complimentary colors.



66.4960, 0.2585, 0.2986



89.8857, 0.2956, 0.3206



78.1237, 0.2946, 0.4050



18.9869, 0.2935, 0.3195



0.0000, 0.0000, 0.0000



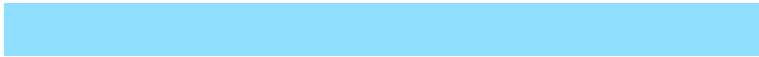
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4960, 0.2585, 0.2986



65.8255, 0.2478, 0.2909



46.5207, 0.2512, 0.2456



18.6912, 0.2980, 0.3218



20.4132, 0.1971, 0.2295



2.0747, 0.2008, 0.2428

Inverse Universe

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



50.3760, 0.3388, 0.2647



46.9233, 0.3463, 0.2512



78.5113, 0.3725, 0.4003



17.4320, 0.3183, 0.3124



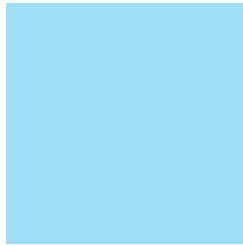
12.4716, 0.4131, 0.2049



1.1737, 0.3994, 0.1974

Previews

White Background



This preview shows how the Yxy color 66.4934, 0.2585, 0.2986 looks on a white background.

Color Contrast Check

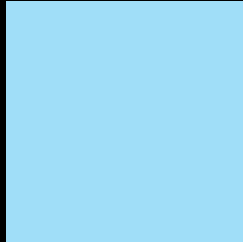
Large Text (above 18pt) WCAG AA × Fail

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 66.4934, 0.2585, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

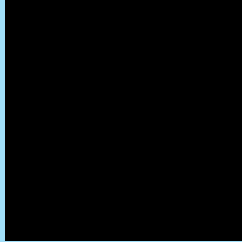
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4934, 0.2585, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 66.4934, 0.2585, 0.2986.



This preview shows how white text looks on a background with the Yxy color 66.4934, 0.2585, 0.2986.

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

66.4934, 0.2585, 0.2986

Protanopia

66.2048, 0.2902, 0.2960

Deuteranopia

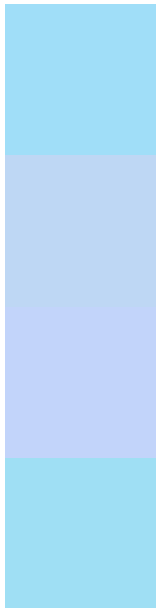
65.8868, 0.2886, 0.2818



Tritanopia

66.3953, 0.2612, 0.3076

Trichromacy



Original Color

66.4934, 0.2585, 0.2986

Protanomaly

66.0797, 0.2774, 0.2963

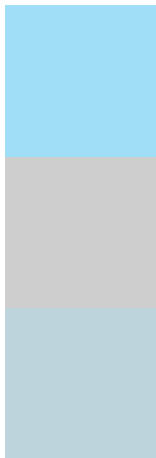
Deuteranomaly

65.4584, 0.2762, 0.2868

Tritanomaly

66.6779, 0.2602, 0.3043

Monochromacy



Original Color

66.4934, 0.2585, 0.2986

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.1262, 0.2904, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4934, 0.2585, 0.2986 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(160, 222, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 222, 248)  
}
```

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(160, 222, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 222, 248) }
```

Border

The CSS property to change the border of an element to Yxy 66.4934, 0.2585, 0.2986 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(160, 222, 248) }
```

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

```
.border{ border-color:rgb(160, 222, 248) }
```

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

Here you see how a box with a 4 pixel rgb(160, 222, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 222, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 222, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 222,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4934, 0.2585, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 222, 248) }
```

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

```
.background{ background-color: rgb(160,  
222, 248) }
```

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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