

Converting Colors

$Yxy(66.3274, 0.2475, 0.3002)$

Have a look what the booklet for
Yxy(66.3274, 0.2475, 0.3002)
contains.

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Color

Yxy(66.0933, 0.2476, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	8AE1F9
RGB	138, 225, 249
RGB Percent	54%, 88%, 98%
CMY	0.4591, 0.1176, 0.0235
CMYK	0.45, 0.10, 0.00, 0.02
HSL	193°, 90%, 76%
HSV	193°, 45%, 98%
XYZ	54.4945, 66.0933, 99.5031
YIQ	201.7230, -59.5560, -10.9800

Conversions

Conversions Part 2

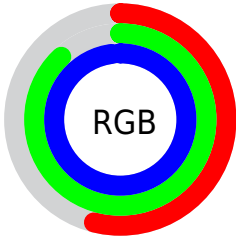
Format	Color
R _Y B	138, 187, 249
Decimal	9101817
CIE Lab	85.04, -20.16, -19.87
CIE LCh	85, 28.305, 224.587
Yxy	66.0933, 0.2476, 0.3003
Android (android.graphics.Color)	4287291897 (0xFF8AE1F9)
YUV	201.7230, 23.3076, -55.8851
Hunter-Lab	81.2978, -22.6213, -15.6586

Details

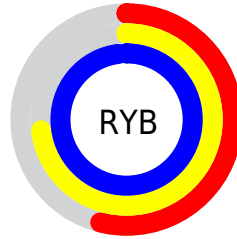
The Yxy color **66.0933, 0.2476, 0.3003** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7774, 0.4202, 0.3550**, and the grayscale version is **58.7517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **34.2620, 0.2325, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **61.3503, 0.2357, 0.2927**, and if you desaturate by 10%, it is **71.4195, 0.2609, 0.3076**.

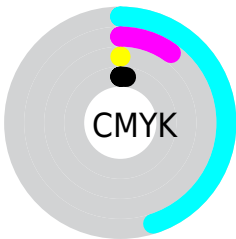
Distribution



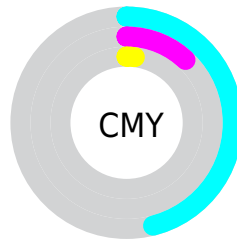
- Red (54%)
- Green (88%)
- Blue (98%)



- Red (54%)
- Yellow (73%)
- Blue (98%)



- Cyan (45%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)




- Cyan (46%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0933, 0.2476, 0.3003 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 66.0933, 0.2476, 0.3003 by changing the saturation by 10% instead.


 66.0933, 0.2476,
0.3003


 66.0933, 0.2476,
0.3003


446.7105, 0.2774,
0.3144

 48.3481, 0.2409,
0.2969


 113.6202, 0.2579,
0.3054

 34.1027, 0.2327,
0.2926


 144.1708, 0.2619,
0.3073

 22.9725, 0.2224,
0.2870

179.7586, 0.2654,
0.3089

 14.5732, 0.2092,
0.2795

220.7681, 0.2684,
0.3103

 8.5204, 0.1916,
0.2690

267.5836, 0.2711,
0.3116

 4.4297, 0.1674,
0.2532

320.5896, 0.2734,

 1.9167, 0.1327,

0.3126

0.2278

380.1704, 0.2755,
0.3136

0.5584, 0.0129,
0.1857

0.0000, 0.0000,
0.0000

66.0933, 0.2476,
0.3003

66.0933, 0.2476,
0.3003

61.3503, 0.2357,
0.2927

71.4195, 0.2609,
0.3076

57.1484, 0.2255,
0.2848

77.3528, 0.2752,
0.3144

53.4512, 0.2172,
0.2768

83.9243, 0.2902,
0.3207

50.2137, 0.2108,
0.2688

91.1611, 0.3056,
0.3265

■ 47.3808, 0.2064,
0.2608

■ 97.6535, 0.3164,
0.3318

■ 45.9785, 0.2046,
0.2566

■ 99.6193, 0.3162,
0.3347

Harmonies

Analogous

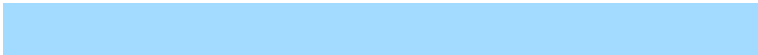
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0933, 0.2598, 0.3322



66.0933, 0.2476, 0.3003



66.0933, 0.2515, 0.2788

Triad

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



66.0933, 0.2476, 0.3003



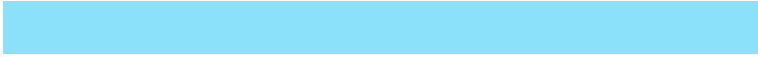
66.0933, 0.3378, 0.2962



66.0933, 0.3539, 0.3912

Complementary

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



66.0933, 0.2476, 0.3003



47.7774, 0.4202, 0.3550

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.



66.0933, 0.3770, 0.3768



66.0933, 0.2476, 0.3003



66.0933, 0.3679, 0.3224

Square

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



66.0933, 0.2476, 0.3003



66.0933, 0.3019, 0.2779



66.0933, 0.3825, 0.3514



66.0933, 0.3204, 0.3877

Rectangle

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



66.0933, 0.2476, 0.3003



66.0933, 0.2628, 0.2722



66.0933, 0.3825, 0.3514



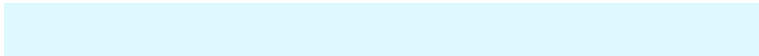
66.0933, 0.3632, 0.3881

Sweetspot

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



66.0958, 0.2476, 0.3003



89.7646, 0.2926, 0.3217



75.6883, 0.2954, 0.4410



18.8671, 0.2892, 0.3204



0.0000, 0.0000, 0.0000



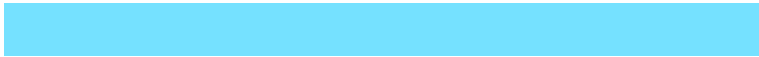
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0958, 0.2476, 0.3003



65.0212, 0.2363, 0.2931



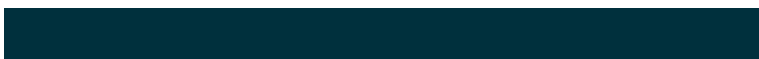
41.4542, 0.2356, 0.2316



18.9352, 0.2980, 0.3238



24.8296, 0.2050, 0.2579



2.4520, 0.2076, 0.2673

Inverse Universe

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



43.7308, 0.3394, 0.2404



39.5038, 0.3469, 0.2237



70.9165, 0.3934, 0.4096



17.4566, 0.3171, 0.3106



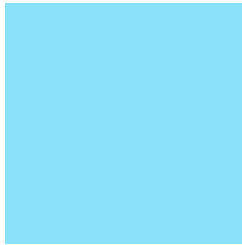
12.9175, 0.3845, 0.1892



1.2118, 0.3754, 0.1841

Previews

White Background



This preview shows how the Yxy color 66.0933, 0.2476, 0.3003 looks on a white background.

Color Contrast Check

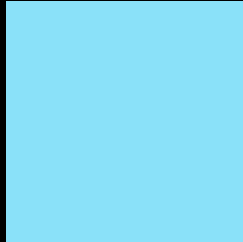
Large Text (above 18pt) WCAG AA × Fail

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 66.0933, 0.2476, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

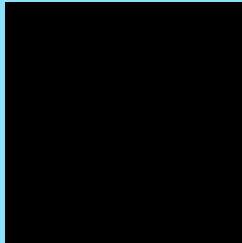
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0933, 0.2476, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 66.0933, 0.2476, 0.3003.

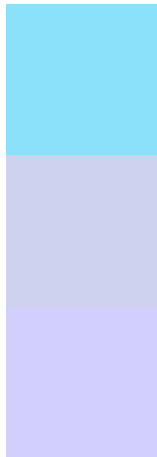


This preview shows how white text looks on a background with the Yxy color 66.0933, 0.2476, 0.3003.

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

66.0933, 0.2476, 0.3003

Protanopia

65.5906, 0.2914, 0.2970

Deuteranopia

65.5664, 0.2853, 0.2796



Tritanopia

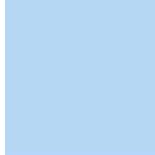
66.1586, 0.2492, 0.3072

Trichromacy



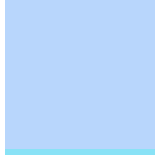
Original Color

66.0933, 0.2476, 0.3003



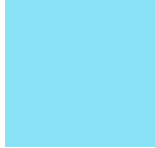
Protanomaly

65.0170, 0.2729, 0.2969



Deuteranomaly

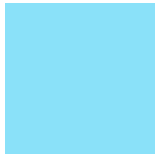
65.3118, 0.2690, 0.2863



Tritanomaly

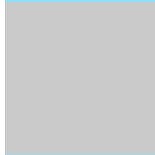
66.3649, 0.2488, 0.3049

Monochromacy



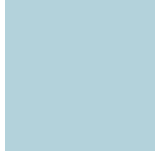
Original Color

66.0933, 0.2476, 0.3003



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

60.7914, 0.2848, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0933, 0.2476, 0.3003 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(138, 225, 249)` looks like.

```
.text, #text, p{  
    color:rgb(138, 225, 249)  
}
```

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(138, 225, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 225, 249) }
```

Border

The CSS property to change the border of an element to Yxy 66.0933, 0.2476, 0.3003 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(138, 225, 249) }
```

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

```
.border{ border-color:rgb(138, 225, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 225, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 225, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 225, 249);  
box-shadow:4px 4px 4px 4px rgb(138, 225,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0933, 0.2476, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 225, 249) }
```

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

```
.background{ background-color: rgb(138,  
225, 249) }
```

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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