

Converting Colors

$Yxy(59.4167, 0.2733, 0.3083)$

Have a look what the booklet for
Yxy(59.4167, 0.2733, 0.3083)
contains.

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Color

Yxy(59.4167, 0.2733, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	A8D1E2
RGB	168, 209, 226
RGB Percent	66%, 82%, 89%
CMY	0.3413, 0.1804, 0.1138
CMYK	0.26, 0.08, 0.00, 0.11
HSL	198°, 50%, 77%
HSV	198°, 26%, 89%
XYZ	52.6714, 59.4167, 80.6356
YIQ	198.6790, -29.8930, -3.4050

Conversions

Conversions Part 2

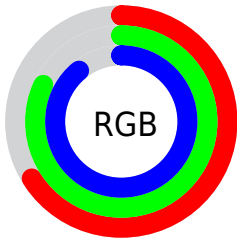
Format	Color
RYB	168, 192, 226
Decimal	11063778
CIELab	81.52, -9.65, -12.81
CIELCh	82, 16.040, 232.995
Yxy	59.4167, 0.2733, 0.3083
Android (android.graphics.Color)	4289253858 (0xFFA8D1E2)
YUV	198.6790, 13.4693, -26.9055
Hunter-Lab	77.0822, -12.9223, -8.0656

Details

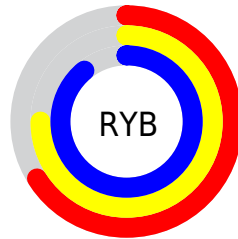
The Yxy color **59.4167, 0.2733, 0.3083** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6740, 0.3624, 0.3488**, and the grayscale version is **56.8355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **30.0278, 0.2638, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **53.9719, 0.2586, 0.2989**, and if you desaturate by 10%, it is **65.4320, 0.2885, 0.3170**.

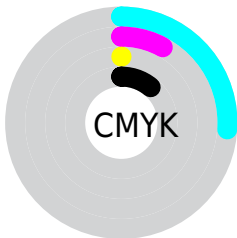
Distribution



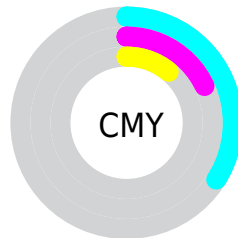
- Red (66%)
- Green (82%)
- Blue (89%)



- Red (66%)
- Yellow (75%)
- Blue (89%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (34%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4167, 0.2733, 0.3083 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 59.4167, 0.2733, 0.3083 by changing the saturation by 10% instead.

■ 59.4167, 0.2733,
0.3083

■ 59.4167, 0.2733,
0.3083

■ 422.4444, 0.2920,
0.3184

■ 42.9487, 0.2689,
0.3058

■ 103.9831, 0.2799,
0.3119

■ 29.8448, 0.2635,
0.3027

■ 132.8501, 0.2824,
0.3133

■ 19.7208, 0.2565,
0.2987

■ 166.6190, 0.2845,
0.3145

■ 12.1923, 0.2473,
0.2931

■ 205.6741, 0.2864,
0.3155

■ 6.8748, 0.2346,
0.2852

■ 250.3998, 0.2881,
0.3164

■ 3.3839, 0.2158,
0.2730

■ 301.1805, 0.2895,

■ 1.3353, 0.1857,

0.3172

0.2521

358.4006, 0.2908,
0.3178

0.1683, 0.0000,
0.1345

0.0000, 0.0000,
0.0000

59.4167, 0.2733,
0.3083

59.4167, 0.2733,
0.3083

53.9719, 0.2586,
0.2989

65.4320, 0.2885,
0.3170

49.0666, 0.2447,
0.2889

72.0330, 0.3040,
0.3249

44.6772, 0.2320,
0.2783

79.2429, 0.3193,
0.3320

40.7752, 0.2208,
0.2674

86.4358, 0.3321,
0.3384

■ 37.3285, 0.2115,
0.2563

■ 90.3042, 0.3313,
0.3449

■ 34.3001, 0.2042,
0.2451

■ 94.3150, 0.3305,
0.3512

■ 31.6447, 0.1990,
0.2341

■ 98.2704, 0.3298,
0.3572

■ 30.5781, 0.1971,
0.2294

Harmonies

Analogous

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



59.4167, 0.2782, 0.3258



59.4167, 0.2733, 0.3083



59.4167, 0.2785, 0.2971

Triad

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



59.4167, 0.2733, 0.3083



59.4167, 0.3331, 0.3135



59.4167, 0.3322, 0.3656

Complementary

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



59.4167, 0.2733, 0.3083



53.6740, 0.3624, 0.3488

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.



59.4167, 0.3477, 0.3608



59.4167, 0.2733, 0.3083



59.4167, 0.3484, 0.3305

Square

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



59.4167, 0.2733, 0.3083



59.4167, 0.3126, 0.3005



59.4167, 0.3538, 0.3477



59.4167, 0.3118, 0.3600

Rectangle

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



59.4167, 0.2733, 0.3083



59.4167, 0.2871, 0.2944



59.4167, 0.3538, 0.3477



59.4167, 0.3382, 0.3651

Sweetspot

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



59.4191, 0.2733, 0.3083



92.5835, 0.3003, 0.3231



66.1878, 0.2993, 0.3808



19.5306, 0.2980, 0.3219



0.0000, 0.0000, 0.0000



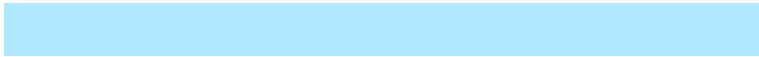
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4191, 0.2733, 0.3083



74.0803, 0.2651, 0.3032



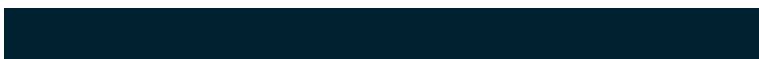
46.6773, 0.2700, 0.2722



14.8592, 0.2982, 0.3220



17.6612, 0.1975, 0.2311



1.3766, 0.2022, 0.2480

Inverse Universe

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



48.7687, 0.3299, 0.2829



58.1095, 0.3346, 0.2727



66.7939, 0.3546, 0.3800



13.8637, 0.3182, 0.3126



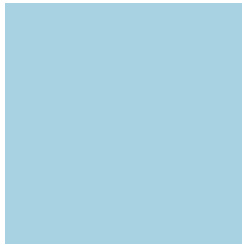
10.6910, 0.4115, 0.2040



0.7564, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 59.4167, 0.2733, 0.3083 looks on a white background.

Color Contrast Check

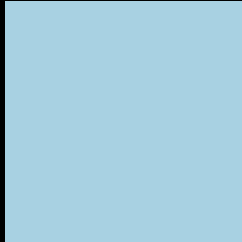
Large Text (above 18pt) WCAG AA × Fail

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 59.4167, 0.2733, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

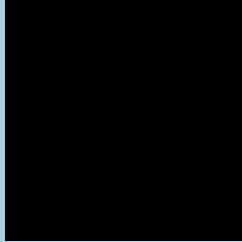
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4167, 0.2733, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 59.4167, 0.2733, 0.3083.

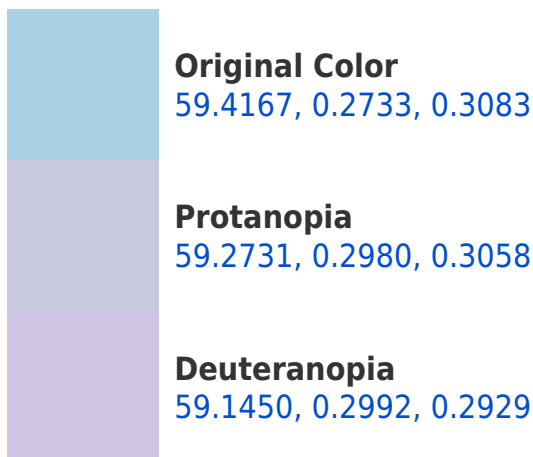


This preview shows how white text looks on a background with the Yxy color 59.4167, 0.2733, 0.3083.

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

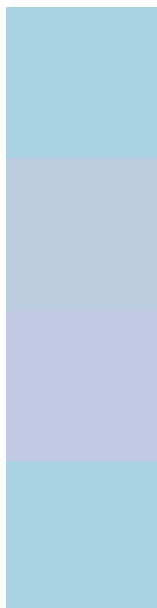




Tritanopia

59.4167, 0.2733, 0.3083

Trichromacy



Original Color

59.4167, 0.2733, 0.3083

Protanomaly

59.2048, 0.2881, 0.3065

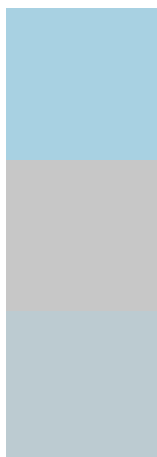
Deuteranomaly

58.8441, 0.2890, 0.2976

Tritanomaly

59.4167, 0.2733, 0.3083

Monochromacy



Original Color

59.4167, 0.2733, 0.3083

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0067, 0.2973, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4167, 0.2733, 0.3083 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(168, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(168, 209, 226)  
}
```

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(168, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 209, 226) }
```

Border

The CSS property to change the border of an element to Yxy 59.4167, 0.2733, 0.3083 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(168, 209, 226) }
```

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

```
.border{ border-color:rgb(168, 209, 226) }
```

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

Here you see how a box with a 4 pixel rgb(168, 209, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(168, 209,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4167, 0.2733, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 209, 226) }
```

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

```
.background{ background-color: rgb(168,  
209, 226) }
```

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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