

Converting Colors

$Yxy(60.0718, 0.2656, 0.2926)$

Have a look what the booklet for
Yxy(60.0718, 0.2656, 0.2926)
contains.

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Color

Yxy(60.1578, 0.2659, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	A8D1EF
RGB	168, 209, 239
RGB Percent	66%, 82%, 94%
CMY	0.3410, 0.1804, 0.0627
CMYK	0.30, 0.13, 0.00, 0.06
HSL	205°, 69%, 80%
HSV	205°, 30%, 94%
XYZ	54.5379, 60.1578, 90.4110
YIQ	200.1610, -34.0660, 0.6380

Conversions

Conversions Part 2

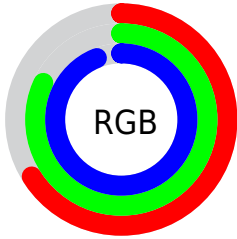
Format	Color
R _Y B	168, 194, 239
Decimal	11063791
CIE _{Lab}	81.92, -6.60, -19.15
CIE _{LCh}	82, 20.253, 250.983
Y _{xy}	60.1578, 0.2659, 0.2933
Android (android.graphics.Color)	4289253871 (0xFFA8D1EF)
YUV	200.1610, 19.1476, -28.2052
Hunter-Lab	77.5615, -10.2190, -14.8195

Details

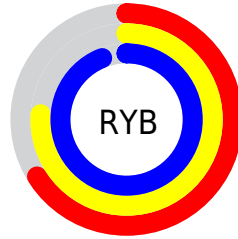
The Yxy color **60.1578, 0.2659, 0.2933** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.6043, 0.3696, 0.3621**, and the grayscale version is **57.7656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **30.4390, 0.2545, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **52.9671, 0.2502, 0.2790**, and if you desaturate by 10%, it is **68.1504, 0.2818, 0.3065**.

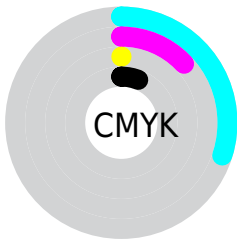
Distribution



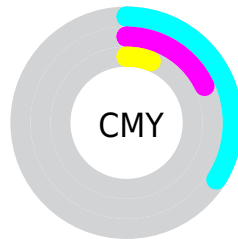
- Red (66%)
- Green (82%)
- Blue (94%)



- Red (66%)
- Yellow (76%)
- Blue (94%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1578, 0.2659, 0.2933 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 60.1578, 0.2659, 0.2933 by changing the saturation by 10% instead.

■ 60.1578, 0.2659,
0.2933

■ 60.1578, 0.2659,
0.2933

■ 425.1792, 0.2879,
0.3105

■ 43.5458, 0.2608,
0.2892

■ 105.0585, 0.2736,
0.2994

■ 30.3136, 0.2545,
0.2841

■ 134.1161, 0.2766,
0.3017

■ 20.0768, 0.2464,
0.2776

■ 168.0910, 0.2791,
0.3037

■ 12.4509, 0.2358,
0.2688

■ 207.3676, 0.2814,
0.3054

■ 7.0515, 0.2213,
0.2566

■ 252.3304, 0.2833,
0.3069

■ 3.4943, 0.2003,
0.2385

■ 303.3636, 0.2850,

■ 1.3949, 0.1680,

0.3082

0.2094

360.8517, 0.2866,
0.3094

0.2130, 0.0211,
0.1086

0.0000, 0.0000,
0.0000

60.1578, 0.2659,
0.2933

60.1578, 0.2659,
0.2933

52.9671, 0.2502,
0.2790

68.1504, 0.2818,
0.3065

46.5390, 0.2352,
0.2636

76.9678, 0.2977,
0.3185

40.8408, 0.2212,
0.2476

86.6407, 0.3132,
0.3293

35.8341, 0.2088,
0.2310

95.5172, 0.3225,
0.3391

■ 31.4757, 0.1984,
0.2144

■ 99.0130, 0.3220,
0.3444

■ 27.7152, 0.1902,
0.1980

■ 24.4742, 0.1840,
0.1823

■ 24.3801, 0.1838,
0.1818

Harmonies

Analogous

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



60.1578, 0.2645, 0.3108



60.1578, 0.2659, 0.2933



60.1578, 0.2793, 0.2859

Triad

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



60.1578, 0.2659, 0.2933



60.1578, 0.3512, 0.3218



60.1578, 0.3219, 0.3728

Complementary

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



60.1578, 0.2659, 0.2933



61.6043, 0.3696, 0.3621

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.



60.1578, 0.3460, 0.3742



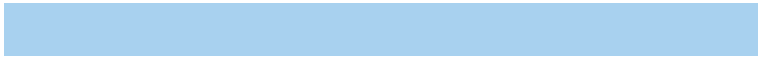
60.1578, 0.2659, 0.2933



60.1578, 0.3635, 0.3438

Square

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



60.1578, 0.2659, 0.2933



60.1578, 0.3283, 0.3024



60.1578, 0.3615, 0.3630



60.1578, 0.2961, 0.3580

Rectangle

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



60.1578, 0.2659, 0.2933



60.1578, 0.2936, 0.2871



60.1578, 0.3615, 0.3630



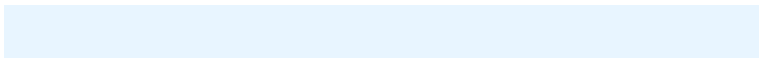
60.1578, 0.3305, 0.3748

Sweetspot

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



60.1602, 0.2659, 0.2933



89.8649, 0.2987, 0.3193



74.1330, 0.2920, 0.3786



18.9005, 0.2964, 0.3176



0.0000, 0.0000, 0.0000



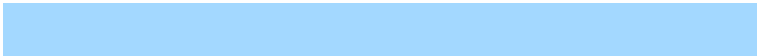
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1602, 0.2659, 0.2933



64.2224, 0.2558, 0.2842



44.8205, 0.2610, 0.2496



16.7433, 0.2980, 0.3188



13.7363, 0.1845, 0.1843



1.3393, 0.1903, 0.2051

Inverse Universe

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



50.9797, 0.3414, 0.2847



52.4917, 0.3497, 0.2749



79.5191, 0.3592, 0.3976



15.9118, 0.3203, 0.3155



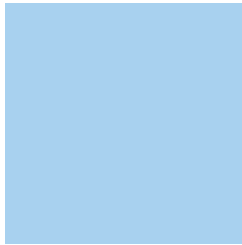
11.1800, 0.4635, 0.2327



0.9499, 0.4395, 0.2195

Previews

White Background



This preview shows how the Yxy color 60.1578, 0.2659, 0.2933 looks on a white background.

Color Contrast Check

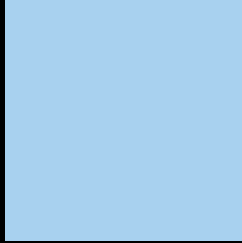
Large Text (above 18pt) WCAG AA × Fail

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 60.1578, 0.2659, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

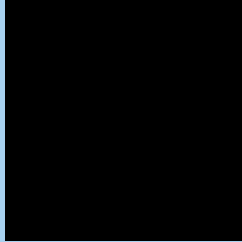
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

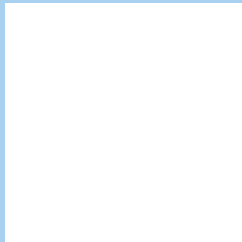
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1578, 0.2659, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 60.1578, 0.2659, 0.2933.



This preview shows how white text looks on a background with the Yxy color 60.1578, 0.2659, 0.2933.

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

60.1578, 0.2659, 0.2933

Protanopia

60.0519, 0.2873, 0.2924

Deuteranopia

59.5764, 0.2875, 0.2809



Tritanopia

60.2970, 0.2711, 0.3083

Trichromacy



Original Color

60.1578, 0.2659, 0.2933

Protanomaly

60.1579, 0.2787, 0.2930

Deuteranomaly

59.6087, 0.2794, 0.2855

Tritanomaly

60.1349, 0.2693, 0.3025

Monochromacy



Original Color

60.1578, 0.2659, 0.2933

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2583, 0.2940, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1578, 0.2659, 0.2933 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(168, 209, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 209, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.1578, 0.2659, 0.2933 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, 239) }
```

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

```
.border{ border-color:rgb(168, 209, 239) }
```

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, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(168, 209,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1578, 0.2659, 0.2933 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, 239) }
```

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

```
.background{ background-color: rgb(168,  
209, 239) }
```

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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