

Converting Colors

$Yxy(60.8199, 0.2644, 0.2956)$

Have a look what the booklet for
Yxy(60.8199, 0.2644, 0.2956)
contains.

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Color

Yxy(60.8199, 0.2644, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	A5D3EF
RGB	165, 211, 239
RGB Percent	65%, 83%, 94%
CMY	0.3527, 0.1726, 0.0628
CMYK	0.31, 0.12, 0.00, 0.06
HSL	203°, 70%, 79%
HSV	203°, 31%, 94%
XYZ	54.4005, 60.8199, 90.5303
YIQ	200.4380, -36.4040, -1.0440

Conversions

Conversions Part 2

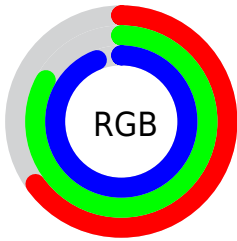
Format	Color
R_{YB}	165, 193, 239
Decimal	10867695
CIE _{Lab}	82.28, -8.49, -18.61
CIE _{LCh}	82, 20.459, 245.477
Yxy	60.8199, 0.2644, 0.2956
Android (android.graphics.Color)	4289057775 (0xFFA5D3EF)
YUV	200.4380, 19.0111, -31.0791
Hunter-Lab	77.9871, -11.9635, -14.2350

Details

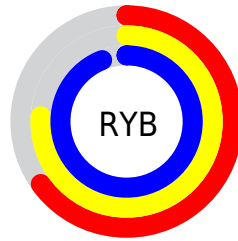
The Yxy color **60.8199, 0.2644, 0.2956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.2410, 0.3736, 0.3600**, and the grayscale version is **57.9488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **30.9123, 0.2529, 0.2878** is the 20% darker color. If you saturate the color by 10%, you get **54.1209, 0.2492, 0.2827**, and if you desaturate by 10%, it is **68.2560, 0.2800, 0.3075**.

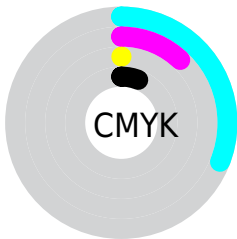
Distribution



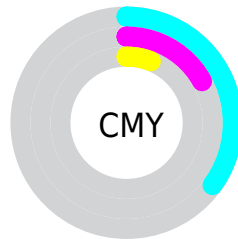
- Red (65%)
- Green (83%)
- Blue (94%)



- Red (65%)
- Yellow (76%)
- Blue (94%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (35%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8199, 0.2644, 0.2956 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 60.8199, 0.2644, 0.2956 by changing the saturation by 10% instead.

60.8199, 0.2644,
0.2956

60.8199, 0.2644,
0.2956

427.6133, 0.2871,
0.3117

44.0798, 0.2592,
0.2918

106.0181, 0.2723,
0.3013

30.7333, 0.2527,
0.2870

135.2451, 0.2754,
0.3035

20.3958, 0.2444,
0.2808

169.4031, 0.2780,
0.3054

12.6831, 0.2336,
0.2725

208.8766, 0.2803,
0.3070

7.2107, 0.2188,
0.2609

254.0500, 0.2823,
0.3084

3.5942, 0.1976,
0.2436

305.3077, 0.2841,

1.4493, 0.1650,

0.3096

0.2156

363.0340, 0.2857,
0.3107

■ 0.2526, 0.0164,
0.1263

■ 0.0000, 0.0000,
0.0000

■ 60.8199, 0.2644,
0.2956

■ 60.8199, 0.2644,
0.2956

■ 54.1209, 0.2492,
0.2827

■ 68.2560, 0.2800,
0.3075

■ 48.1209, 0.2348,
0.2691

■ 76.4507, 0.2958,
0.3183

■ 42.7888, 0.2217,
0.2547

■ 85.4333, 0.3113,
0.3281

■ 38.0874, 0.2102,
0.2400

■ 94.1389, 0.3227,
0.3370

■ 33.9747, 0.2007,
0.2252

■ 99.0118, 0.3220,
0.3444

■ 30.4011, 0.1933,
0.2106

■ 27.5569, 0.1883,
0.1977

Harmonies

Analogous

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



60.8199, 0.2653, 0.3148



60.8199, 0.2644, 0.2956



60.8199, 0.2758, 0.2862

Triad

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



60.8199, 0.2644, 0.2956



60.8199, 0.3478, 0.3179



60.8199, 0.3268, 0.3744

Complementary

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



60.8199, 0.2644, 0.2956



59.2410, 0.3736, 0.3600

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.



60.8199, 0.3499, 0.3733



60.8199, 0.2644, 0.2956



60.8199, 0.3626, 0.3398

Square

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



60.8199, 0.2644, 0.2956



60.8199, 0.3235, 0.2992



60.8199, 0.3633, 0.3601



60.8199, 0.3005, 0.3618

Rectangle

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



60.8199, 0.2644, 0.2956



60.8199, 0.2892, 0.2860



60.8199, 0.3633, 0.3601



60.8199, 0.3352, 0.3756

Sweetspot

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



60.8223, 0.2644, 0.2956



90.4822, 0.2987, 0.3203



73.5512, 0.2933, 0.3857



19.0528, 0.2965, 0.3188



0.0000, 0.0000, 0.0000



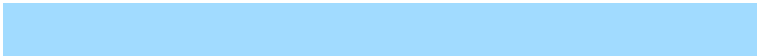
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8223, 0.2644, 0.2956



65.5591, 0.2549, 0.2877



44.8683, 0.2591, 0.2504



16.8644, 0.2980, 0.3198



15.4899, 0.1889, 0.1999



1.4797, 0.1941, 0.2188

Inverse Universe

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



49.9870, 0.3400, 0.2795



51.7557, 0.3473, 0.2693



77.1852, 0.3623, 0.3969



15.9240, 0.3196, 0.3144



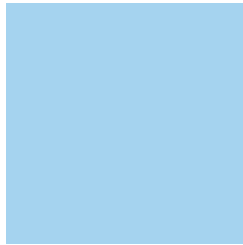
11.3571, 0.4453, 0.2227



0.9641, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 60.8199, 0.2644, 0.2956 looks on a white background.

Color Contrast Check

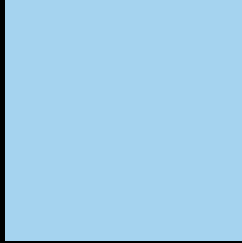
Large Text (above 18pt) WCAG AA × Fail

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 60.8199, 0.2644, 0.2956 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 60.8199, 0.2644, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 60.8199, 0.2644, 0.2956.



This preview shows how white text looks on a background with the Yxy color 60.8199, 0.2644, 0.2956.

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

60.8199, 0.2644, 0.2956

Protanopia

60.7372, 0.2894, 0.2948

Deuteranopia

60.3195, 0.2890, 0.2823



Tritanopia

61.0882, 0.2684, 0.3083

Trichromacy



Original Color

60.8199, 0.2644, 0.2956

Protanomaly

60.7056, 0.2800, 0.2953

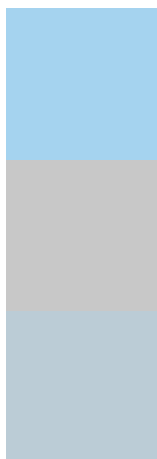
Deuteranomaly

60.0795, 0.2794, 0.2866

Tritanomaly

60.8627, 0.2672, 0.3036

Monochromacy



Original Color

60.8199, 0.2644, 0.2956

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6056, 0.2933, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8199, 0.2644, 0.2956 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(165, 211, 239)` looks like.

```
.text, #text, p{  
    color:rgb(165, 211, 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(165, 211, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 211, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.8199, 0.2644, 0.2956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

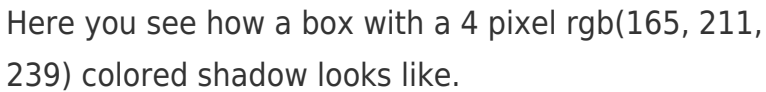
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 211, 239) }
```

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

```
.border{ border-color:rgb(165, 211, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 211, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 211, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 211, 239); box-shadow:4px 4px 4px 4px rgb(165, 211, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8199, 0.2644, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 211, 239) }
```

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

```
.background{ background-color: rgb(165,  
211, 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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