

Converting Colors

$Yxy(59.7366, 0.2423, 0.2406)$

Have a look what the booklet for
Yxy(59.7366, 0.2423, 0.2406)
contains.

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Color

Yxy(57.7859, 0.2562, 0.2676)

Conversions

Conversions Part 1

Format	Color
Hex	A8CAFF
RGB	168, 202, 255
RGB Percent	66%, 79%, 100%
CMY	0.3410, 0.2079, 0.0001
CMYK	0.34, 0.21, 0.00, 0.00
HSL	217°, 100%, 83%
HSV	217°, 34%, 100%
XYZ	55.3242, 57.7859, 102.8313
YIQ	197.8760, -37.2770, 9.2750

Conversions

Conversions Part 2

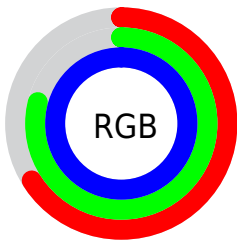
Format	Color
R _Y B	168, 192, 255
Decimal	11062015
CIE Lab	80.62, 1.01, -29.64
CIE LCh	81, 29.655, 271.951
Yxy	57.7859, 0.2562, 0.2676
Android (android.graphics.Color)	4289252095 (0xFFA8CAFF)
YUV	197.8760, 28.1621, -26.2013
Hunter-Lab	76.0170, -3.1199, -26.9920

Details

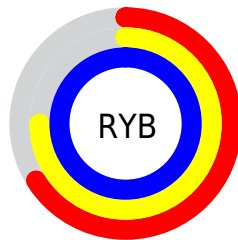
The Yxy color **57.7859, 0.2562, 0.2676** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.8198, 0.3750, 0.3833**, and the grayscale version is **56.2417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **28.7677, 0.2423, 0.2526** is the 20% darker color. If you saturate the color by 10%, you get **48.3277, 0.2387, 0.2457**, and if you desaturate by 10%, it is **68.5319, 0.2736, 0.2879**.

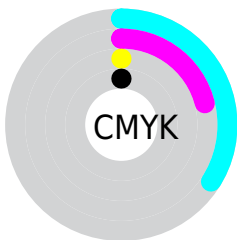
Distribution



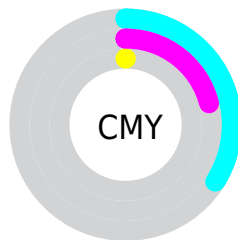
- Red (66%)
- Green (79%)
- Blue (100%)



- Red (66%)
- Yellow (75%)
- Blue (100%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7859, 0.2562, 0.2676 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 57.7859, 0.2562, 0.2676 by changing the saturation by 10% instead.

■ 57.7859, 0.2562,
0.2676

■ 57.7859, 0.2562,
0.2676

■ 416.3877, 0.2829,
0.2965

■ 41.6365, 0.2500,
0.2609

■ 101.6110, 0.2655,
0.2777

■ 28.8168, 0.2424,
0.2527

■ 130.0556, 0.2692,
0.2816

■ 18.9423, 0.2327,
0.2422

■ 163.3673, 0.2723,
0.2850

■ 11.6286, 0.2200,
0.2286

■ 201.9306, 0.2749,
0.2879

■ 6.4913, 0.2028,
0.2102

■ 246.1299, 0.2773,
0.2905

■ 3.1461, 0.1786,
0.1844

■ 296.3496, 0.2794,

■ 1.2085, 0.1429,

0.2927

0.1464

352.9741, 0.2812,
0.2947

0.0686, 0.0315,
0.0240

0.0000, 0.0000,
0.0000

57.7859, 0.2562,
0.2676

57.7859, 0.2562,
0.2676

48.3277, 0.2387,
0.2457

68.5319, 0.2736,
0.2879

40.0968, 0.2215,
0.2224

80.6092, 0.2904,
0.3063

33.0371, 0.2055,
0.1985

94.0675, 0.3064,
0.3228

27.0847, 0.1913,
0.1747

99.9990, 0.3127,
0.3290

■ 22.1681, 0.1796,
0.1520

■ 18.2034, 0.1707,
0.1312

■ 16.2496, 0.1667,
0.1201

Harmonies

Analogous

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



57.7859, 0.2421, 0.2821



57.7859, 0.2562, 0.2676



57.7859, 0.2853, 0.2686

Triad

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



57.7859, 0.2562, 0.2676



57.7859, 0.3852, 0.3398



57.7859, 0.2986, 0.3817

Complementary

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



57.7859, 0.2562, 0.2676



75.8198, 0.3750, 0.3833

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.



57.7859, 0.3370, 0.3979



57.7859, 0.2562, 0.2676



57.7859, 0.3884, 0.3702

Square

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



57.7859, 0.2562, 0.2676



57.7859, 0.3608, 0.3089



57.7859, 0.3702, 0.3924



57.7859, 0.2653, 0.3484

Rectangle

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



57.7859, 0.2562, 0.2676



57.7859, 0.3103, 0.2772



57.7859, 0.3702, 0.3924



57.7859, 0.3113, 0.3895

Sweetspot

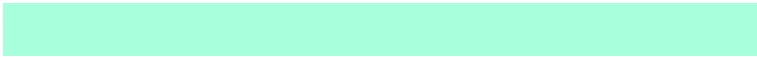
The Sweet Spot groups the original color and five complimentary colors.



57.7881, 0.2562, 0.2676



85.9613, 0.2971, 0.3133



85.0188, 0.2811, 0.3685



18.0012, 0.2948, 0.3109



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.



57.7881, 0.2562, 0.2676



51.1277, 0.2441, 0.2526



44.5600, 0.2568, 0.2282



18.5410, 0.2979, 0.3141



8.7610, 0.1675, 0.1231



1.0580, 0.1738, 0.1455

Inverse Universe

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



53.5450, 0.3618, 0.2939



46.9902, 0.3761, 0.2867



93.9844, 0.3583, 0.4161



18.1045, 0.3233, 0.3198



11.6124, 0.5423, 0.2761



1.1513, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 57.7859, 0.2562, 0.2676 looks on a white background.

Color Contrast Check

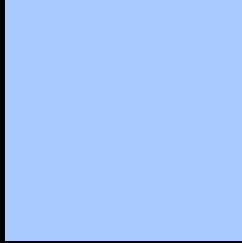
Large Text (above 18pt) WCAG AA × Fail

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 57.7859, 0.2562, 0.2676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

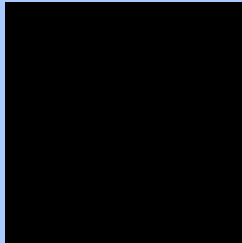
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

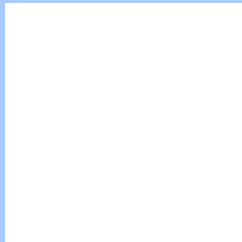
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7859, 0.2562, 0.2676

Background



This preview shows how black text looks on a background with the Yxy color 57.7859, 0.2562, 0.2676.



This preview shows how white text looks on a background with the Yxy color 57.7859, 0.2562, 0.2676.

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

57.7859, 0.2562, 0.2676

Protanopia

57.3999, 0.2684, 0.2666

Deuteranopia

57.5187, 0.2685, 0.2628



Tritanopia

57.5845, 0.2698, 0.3079

Trichromacy



Original Color

57.7859, 0.2562, 0.2676

Protanomaly

57.5224, 0.2635, 0.2672

Deuteranomaly

57.4319, 0.2636, 0.2642

Tritanomaly

57.5533, 0.2651, 0.2927

Monochromacy



Original Color

57.7859, 0.2562, 0.2676

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5261, 0.2898, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7859, 0.2562, 0.2676 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, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 202, 255)  
}
```

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, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.7859, 0.2562, 0.2676 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, 202, 255) }
```

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

```
.border{ border-color:rgb(168, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 202, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 202, 255); box-shadow:4px 4px 4px 4px rgb(168, 202, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7859, 0.2562, 0.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 202, 255) }
```

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

```
.background{ background-color: rgb(168,  
202, 255) }
```

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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