

Converting Colors

Yxy(57.8112, 0.2647, 0.2865)

Have a look what the booklet for
Yxy(57.8112, 0.2647, 0.2865)
contains.

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Color

Yxy(57.8018, 0.2646, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	A8CCF0
RGB	168, 204, 240
RGB Percent	66%, 80%, 94%
CMY	0.3414, 0.1999, 0.0588
CMYK	0.30, 0.15, 0.00, 0.06
HSL	210°, 71%, 80%
HSV	210°, 30%, 94%
XYZ	53.4581, 57.8018, 90.7737
YIQ	197.3400, -33.0120, 3.5640

Conversions

Conversions Part 2

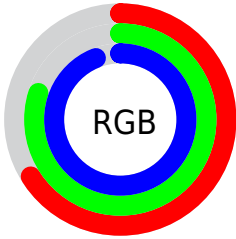
Format	Color
R _Y B	168, 192, 240
Decimal	11062512
CIE Lab	80.63, -3.78, -21.63
CIE LCh	81, 21.960, 260.098
Yxy	57.8018, 0.2646, 0.2861
Android (android.graphics.Color)	4289252592 (0xFFA8CCF0)
YUV	197.3400, 21.0314, -25.7312
Hunter-Lab	76.0275, -7.5374, -17.5706

Details

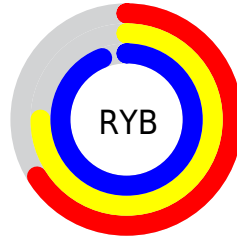
The Yxy color **57.8018, 0.2646, 0.2861** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.4928, 0.3687, 0.3683**, and the grayscale version is **55.9306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **28.8508, 0.2527, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **49.9307, 0.2482, 0.2689**, and if you desaturate by 10%, it is **66.6017, 0.2810, 0.3019**.

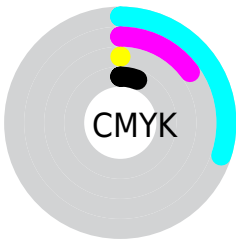
Distribution



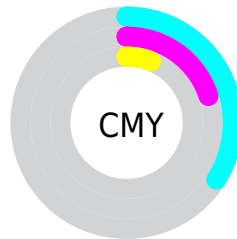
- Red (66%)
- Green (80%)
- Blue (94%)



- Red (66%)
- Yellow (75%)
- Blue (94%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8018, 0.2646, 0.2861 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 57.8018, 0.2646, 0.2861 by changing the saturation by 10% instead.

■ 57.8018, 0.2646,
0.2861

■ 57.8018, 0.2646,
0.2861

■ 416.4470, 0.2874,
0.3067

■ 41.6493, 0.2593,
0.2812

■ 101.6342, 0.2726,
0.2934

■ 28.8268, 0.2527,
0.2752

■ 130.0829, 0.2757,
0.2962

■ 18.9498, 0.2442,
0.2673

■ 163.3991, 0.2783,
0.2986

■ 11.6340, 0.2331,
0.2570

■ 201.9673, 0.2806,
0.3006

■ 6.4950, 0.2178,
0.2425

■ 246.1717, 0.2826,
0.3024

■ 3.1483, 0.1956,
0.2213

■ 296.3969, 0.2844,

■ 1.2097, 0.1614,

0.3040

0.1877

353.0272, 0.2860,
0.3054

0.0696, 0.0000,
0.0386

0.0000, 0.0000,
0.0000

57.8018, 0.2646,
0.2861

57.8018, 0.2646,
0.2861

49.9307, 0.2482,
0.2689

66.6017, 0.2810,
0.3019

42.9450, 0.2322,
0.2506

76.3577, 0.2971,
0.3162

36.8075, 0.2172,
0.2314

87.1044, 0.3127,
0.3290

31.4747, 0.2038,
0.2117

97.1384, 0.3217,
0.3405

■ 26.8984, 0.1923,
0.1921

■ 99.0711, 0.3214,
0.3434

■ 23.0224, 0.1833,
0.1731

■ 19.7674, 0.1765,
0.1553

Harmonies

Analogous

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



57.8018, 0.2589, 0.3020



57.8018, 0.2646, 0.2861



57.8018, 0.2827, 0.2818

Triad

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



57.8018, 0.2646, 0.2861



57.8018, 0.3607, 0.3283



57.8018, 0.3139, 0.3738

Complementary

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



57.8018, 0.2646, 0.2861



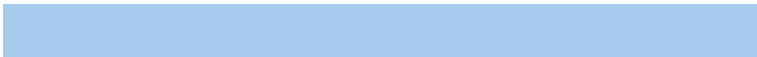
64.4928, 0.3687, 0.3683

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.



57.8018, 0.3418, 0.3799



57.8018, 0.2646, 0.2861



57.8018, 0.3697, 0.3520

Square

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



57.8018, 0.2646, 0.2861



57.8018, 0.3382, 0.3057



57.8018, 0.3625, 0.3712



57.8018, 0.2866, 0.3538

Rectangle

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



57.8018, 0.2646, 0.2861



57.8018, 0.2999, 0.2855



57.8018, 0.3625, 0.3712



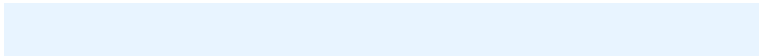
57.8018, 0.3235, 0.3776

Sweetspot

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



57.8041, 0.2646, 0.2861



88.8105, 0.2987, 0.3175



74.9364, 0.2892, 0.3733



18.6408, 0.2964, 0.3155



0.0000, 0.0000, 0.0000



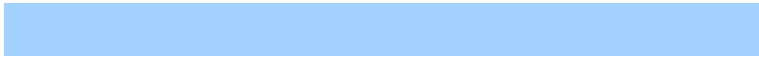
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8041, 0.2646, 0.2861



60.7119, 0.2546, 0.2758



43.0352, 0.2597, 0.2426



16.5367, 0.2980, 0.3169



11.0877, 0.1773, 0.1581



1.1214, 0.1839, 0.1819

Inverse Universe

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



50.8664, 0.3467, 0.2899



52.1373, 0.3561, 0.2817



82.9627, 0.3584, 0.4029



15.8909, 0.3215, 0.3172



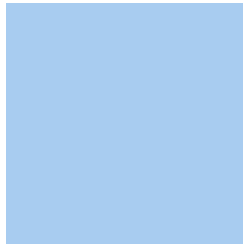
10.9127, 0.4955, 0.2503



0.9279, 0.4663, 0.2342

Previews

White Background



This preview shows how the Yxy color 57.8018, 0.2646, 0.2861 looks on a white background.

Color Contrast Check

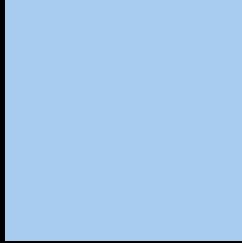
Large Text (above 18pt) WCAG AA × Fail

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 57.8018, 0.2646, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

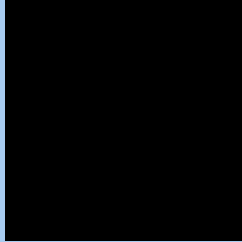
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

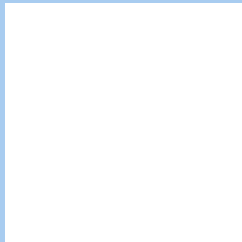
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8018, 0.2646, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 57.8018, 0.2646, 0.2861.



This preview shows how white text looks on a background with the Yxy color 57.8018, 0.2646, 0.2861.

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

57.8018, 0.2646, 0.2861

Protanopia

57.6508, 0.2823, 0.2851

Deuteranopia

57.4468, 0.2825, 0.2758



Tritanopia

57.8459, 0.2723, 0.3092

Trichromacy



Original Color

57.8018, 0.2646, 0.2861

Protanomaly

57.4903, 0.2756, 0.2857

Deuteranomaly

57.3038, 0.2757, 0.2793

Tritanomaly

57.7991, 0.2693, 0.3009

Monochromacy



Original Color

57.8018, 0.2646, 0.2861

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5518, 0.2931, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8018, 0.2646, 0.2861 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, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 204, 240)  
}
```

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, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 204, 240) }
```

Border

The CSS property to change the border of an element to Yxy 57.8018, 0.2646, 0.2861 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, 204, 240) }
```

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

```
.border{ border-color:rgb(168, 204, 240) }
```

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

Here you see how a box with a 4 pixel rgb(168, 204, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 204,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8018, 0.2646, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 204, 240) }
```

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

```
.background{ background-color: rgb(168,  
204, 240) }
```

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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