

Converting Colors

$Yxy(60.5643, 0.2459, 0.2784)$

Have a look what the booklet for
Yxy(60.5643, 0.2459, 0.2784)
contains.

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Color

Yxy(60.4180, 0.2459, 0.2780)

Conversions

Conversions Part 1

Format	Color
Hex	92D4FF
RGB	146, 212, 255
RGB Percent	57%, 83%, 100%
CMY	0.4277, 0.1686, 0.0000
CMYK	0.43, 0.17, 0.00, 0.00
HSL	204°, 100%, 79%
HSV	204°, 43%, 100%
XYZ	53.4417, 60.4180, 103.4713
YIQ	197.1680, -53.1390, -0.6190

Conversions

Conversions Part 2

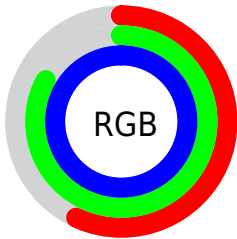
Format	Color
RYB	146, 187, 255
Decimal	9622783
CIELab	82.06, -10.01, -27.55
CIElCh	82, 29.315, 250.034
Yxy	60.4180, 0.2459, 0.2780
Android (android.graphics.Color)	4287812863 (0xFF92D4FF)
YUV	197.1680, 28.5112, -44.8743
Hunter-Lab	77.7290, -13.3002, -24.5153

Details

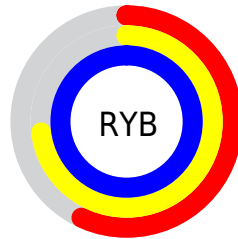
The Yxy color **60.4180, 0.2459, 0.2780** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.6968, 0.4048, 0.3741**, and the grayscale version is **55.7828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **30.3150, 0.2302, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **53.4677, 0.2315, 0.2635**, and if you desaturate by 10%, it is **68.2038, 0.2612, 0.2917**.

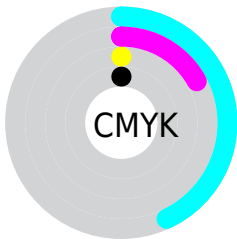
Distribution



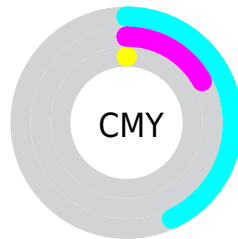
- Red (57%)
- Green (83%)
- Blue (100%)



- Red (57%)
- Yellow (73%)
- Blue (100%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4180, 0.2459, 0.2780 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 60.4180, 0.2459, 0.2780 by changing the saturation by 10% instead.


 60.4180, 0.2459,
0.2780


 60.4180, 0.2459,
0.2780


426.1368, 0.2770,
0.3024

 43.7556, 0.2388,
0.2723


 105.4358, 0.2567,
0.2866

 30.4785, 0.2302,
0.2651


 134.5600, 0.2608,
0.2899

 20.2020, 0.2192,
0.2560


168.6070, 0.2645,
0.2928

 12.5420, 0.2052,
0.2440

207.9611, 0.2676,
0.2952

 7.1139, 0.1864,
0.2275

253.0067, 0.2704,
0.2974

 3.5334, 0.1605,
0.2039

304.1283, 0.2728,

 1.4162, 0.1234,

0.2993

0.1683

361.7102, 0.2750,
0.3009

0.2286, 0.0000,
0.0767

0.0000, 0.0000,
0.0000

60.4180, 0.2459,
0.2780

60.4180, 0.2459,
0.2780

53.4677, 0.2315,
0.2635

68.2038, 0.2612,
0.2917

47.3098, 0.2184,
0.2484

76.8600, 0.2770,
0.3043

41.8999, 0.2070,
0.2329

86.4220, 0.2928,
0.3159

37.1865, 0.1977,
0.2175

96.9224, 0.3085,
0.3263

■ 33.1083, 0.1906,
0.2023

100.0000, 0.3127,
0.3290

■ 30.4933, 0.1866,
0.1917

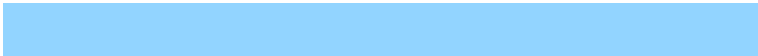
Harmonies

Analogous

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



60.4180, 0.2444, 0.3028



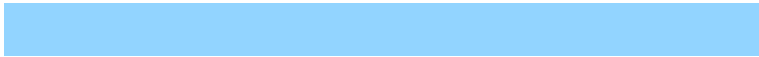
60.4180, 0.2459, 0.2780



60.4180, 0.2640, 0.2679

Triad

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



60.4180, 0.2459, 0.2780



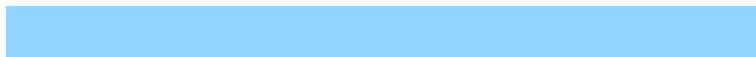
60.4180, 0.3677, 0.3173



60.4180, 0.3264, 0.3938

Complementary

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



60.4180, 0.2459, 0.2780



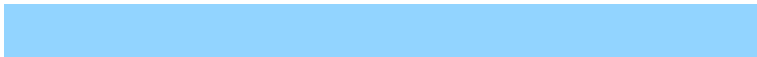
59.6968, 0.4048, 0.3741

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.



60.4180, 0.3612, 0.3941



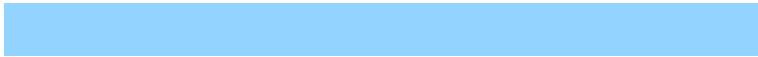
60.4180, 0.2459, 0.2780



60.4180, 0.3863, 0.3480

Square

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



60.4180, 0.2459, 0.2780



60.4180, 0.3337, 0.2905



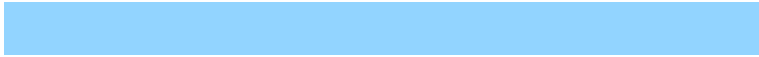
60.4180, 0.3836, 0.3762



60.4180, 0.2894, 0.3727

Rectangle

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



60.4180, 0.2459, 0.2780



60.4180, 0.2839, 0.2696



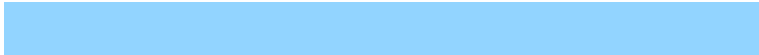
60.4180, 0.3836, 0.3762



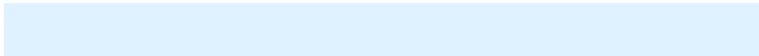
60.4180, 0.3388, 0.3963

Sweetspot

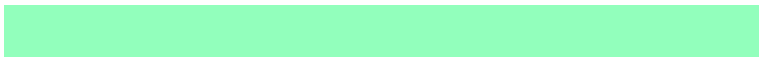
The Sweet Spot groups the original color and five complimentary colors.



60.4188, 0.2459, 0.2780



86.1907, 0.2924, 0.3156



81.2453, 0.2861, 0.4103



17.9806, 0.2889, 0.3132



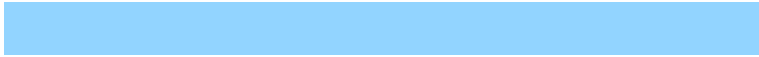
0.0000, 0.0000, 0.0000



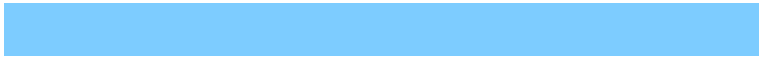
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4188, 0.2459, 0.2780



54.6384, 0.2340, 0.2661



38.0058, 0.2347, 0.2112



19.2092, 0.2979, 0.3194



16.2329, 0.1873, 0.1941



1.7937, 0.1920, 0.2111

Inverse Universe

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



46.5531, 0.3564, 0.2617



40.2617, 0.3685, 0.2496



87.0022, 0.3816, 0.4242



18.1720, 0.3199, 0.3147



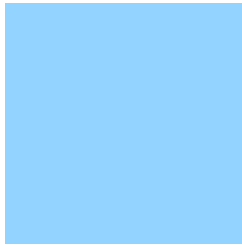
12.3667, 0.4520, 0.2264



1.2256, 0.4330, 0.2159

Previews

White Background



This preview shows how the Yxy color 60.4180, 0.2459, 0.2780 looks on a white background.

Color Contrast Check

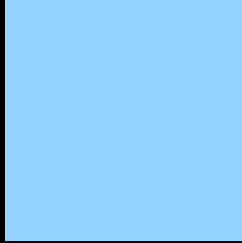
Large Text (above 18pt) WCAG AA × Fail

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 60.4180, 0.2459, 0.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

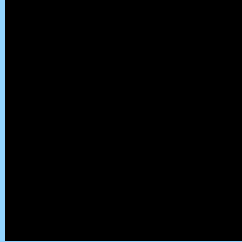
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

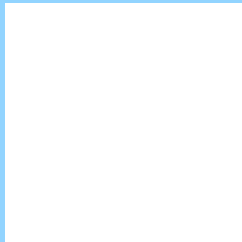
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4180, 0.2459, 0.2780

Background



This preview shows how black text looks on a background with the Yxy color 60.4180, 0.2459, 0.2780.

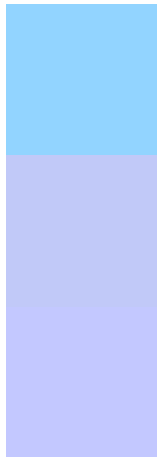


This preview shows how white text looks on a background with the Yxy color 60.4180, 0.2459, 0.2780.

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

60.4180, 0.2459, 0.2780

Protanopia

59.8881, 0.2758, 0.2761

Deuteranopia

60.1307, 0.2729, 0.2680



Tritanopia

60.5704, 0.2545, 0.3078

Trichromacy



Original Color

60.4180, 0.2459, 0.2780

Protanomaly

59.8578, 0.2636, 0.2761

Deuteranomaly

59.7528, 0.2619, 0.2708

Tritanomaly

60.7025, 0.2513, 0.2972

Monochromacy



Original Color

60.4180, 0.2459, 0.2780

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7680, 0.2842, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4180, 0.2459, 0.2780 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(146, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 212, 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(146, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.4180, 0.2459, 0.2780 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(146, 212, 255) }
```

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

```
.border{ border-color:rgb(146, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 212, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 212, 255); box-shadow:4px 4px 4px 4px rgb(146, 212, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4180, 0.2459, 0.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 212, 255) }
```

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

```
.background{ background-color: rgb(146,  
212, 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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