

Converting Colors

$Yxy(60.7110, 0.2541, 0.2814)$

Have a look what the booklet for
Yxy(60.7110, 0.2541, 0.2814)
contains.

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Color

Yxy(60.8227, 0.2540, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	9ED3FB
RGB	158, 211, 251
RGB Percent	62%, 83%, 98%
CMY	0.3806, 0.1725, 0.0156
CMYK	0.37, 0.16, 0.00, 0.02
HSL	206°, 92%, 80%
HSV	206°, 37%, 98%
XYZ	54.8030, 60.8227, 100.1341
YIQ	199.7130, -44.4280, 1.2040

Conversions

Conversions Part 2

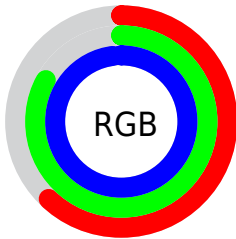
Format	Color
R_{YB}	158, 192, 251
Decimal	10408955
CIE _{Lab}	82.28, -7.48, -25.04
CIE _{LCh}	82, 26.131, 253.374
Yxy	60.8227, 0.2540, 0.2819
Android (android.graphics.Color)	4288599035 (0xFF9ED3FB)
YUV	199.7130, 25.2845, -36.5823
Hunter-Lab	77.9889, -11.0482, -21.5334

Details

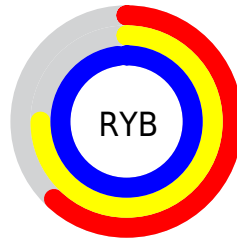
The Yxy color **60.8227, 0.2540, 0.2819** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3532, 0.3878, 0.3714**, and the grayscale version is **57.4321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **30.8925, 0.2406, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **53.3512, 0.2386, 0.2665**, and if you desaturate by 10%, it is **69.1787, 0.2699, 0.2962**.

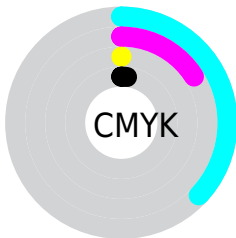
Distribution



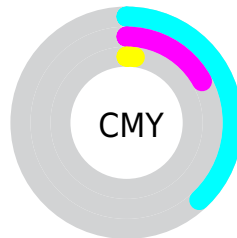
- Red (62%)
- Green (83%)
- Blue (98%)



- Red (62%)
- Yellow (75%)
- Blue (98%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8227, 0.2540, 0.2819 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 60.8227, 0.2540, 0.2819 by changing the saturation by 10% instead.


 60.8227, 0.2540,
0.2819


 60.8227, 0.2540,
0.2819

427.6236, 0.2814,
0.3044

 44.0821, 0.2477,
0.2766

 106.0222, 0.2635,
0.2898

 30.7351, 0.2400,
0.2701


 135.2498, 0.2672,
0.2929

 20.3972, 0.2302,
0.2617


169.4086, 0.2704,
0.2955

 12.6841, 0.2175,
0.2506

208.8830, 0.2732,
0.2977

 7.2114, 0.2005,
0.2354

254.0573, 0.2756,
0.2997

 3.5946, 0.1765,
0.2135

305.3159, 0.2778,

 1.4495, 0.1414,

0.3015

0.1798

363.0432, 0.2797,
0.3030

0.2528, 0.0208,
0.0911

0.0000, 0.0000,
0.0000

60.8227, 0.2540,
0.2819

60.8227, 0.2540,
0.2819

53.3512, 0.2386,
0.2665

69.1787, 0.2699,
0.2962

46.7183, 0.2242,
0.2503

78.4482, 0.2859,
0.3094

40.8838, 0.2113,
0.2335

88.6670, 0.3018,
0.3213

35.8000, 0.2002,
0.2165

99.2231, 0.3151,
0.3320

■ 31.4121, 0.1913,
0.1997

99.7463, 0.3150,
0.3328

■ 27.6518, 0.1847,
0.1836

■ 26.6420, 0.1831,
0.1789

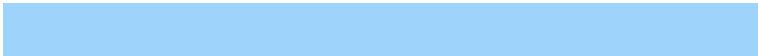
Harmonies

Analogous

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



60.8227, 0.2509, 0.3029



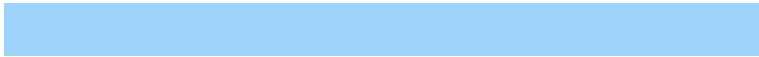
60.8227, 0.2540, 0.2819



60.8227, 0.2719, 0.2741

Triad

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



60.8227, 0.2540, 0.2819



60.8227, 0.3642, 0.3217



60.8227, 0.3214, 0.3851

Complementary

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



60.8227, 0.2540, 0.2819



63.3532, 0.3878, 0.3714

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.



60.8227, 0.3530, 0.3878



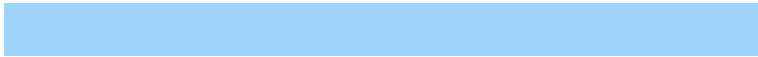
60.8227, 0.2540, 0.2819



60.8227, 0.3788, 0.3494

Square

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



60.8227, 0.2540, 0.2819



60.8227, 0.3352, 0.2969



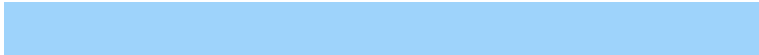
60.8227, 0.3744, 0.3737



60.8227, 0.2887, 0.3646

Rectangle

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



60.8227, 0.2540, 0.2819



60.8227, 0.2905, 0.2765



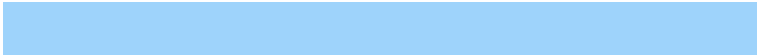
60.8227, 0.3744, 0.3737



60.8227, 0.3325, 0.3881

Sweetspot

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



60.8251, 0.2540, 0.2819



87.6085, 0.2956, 0.3168



80.2909, 0.2875, 0.3936



18.4431, 0.2934, 0.3152



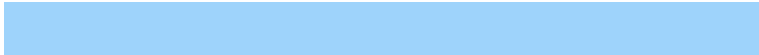
0.0000, 0.0000, 0.0000



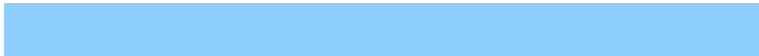
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8251, 0.2540, 0.2819



57.5528, 0.2432, 0.2713



41.3991, 0.2459, 0.2257



18.2858, 0.2980, 0.3185



14.2967, 0.1838, 0.1816



1.5346, 0.1891, 0.2008

Inverse Universe

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



49.6559, 0.3518, 0.2739



45.3383, 0.3621, 0.2637



87.2402, 0.3712, 0.4147



17.3911, 0.3204, 0.3156



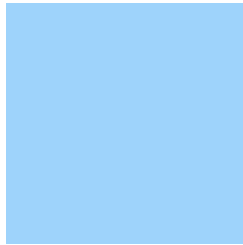
11.8542, 0.4667, 0.2344



1.1191, 0.4444, 0.2222

Previews

White Background



This preview shows how the Yxy color 60.8227, 0.2540, 0.2819 looks on a white background.

Color Contrast Check

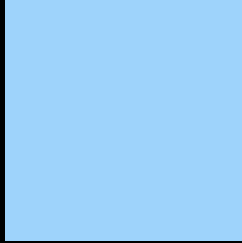
Large Text (above 18pt) WCAG AA × Fail

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 60.8227, 0.2540, 0.2819 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

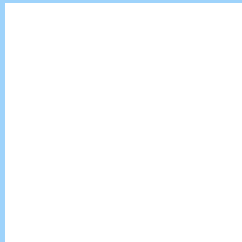
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8227, 0.2540, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 60.8227, 0.2540, 0.2819.



This preview shows how white text looks on a background with the Yxy color 60.8227, 0.2540, 0.2819.

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

60.8227, 0.2540, 0.2819

Protanopia

60.4357, 0.2790, 0.2805

Deuteranopia

60.5425, 0.2767, 0.2705



Tritanopia

60.6916, 0.2617, 0.3069

Trichromacy



Original Color

60.8227, 0.2540, 0.2819

Protanomaly

60.3231, 0.2696, 0.2808

Deuteranomaly

60.4044, 0.2679, 0.2746

Tritanomaly

60.7891, 0.2589, 0.2976

Monochromacy



Original Color

60.8227, 0.2540, 0.2819

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6145, 0.2886, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8227, 0.2540, 0.2819 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(158, 211, 251)` looks like.

```
.text, #text, p{  
    color:rgb(158, 211, 251)  
}
```

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(158, 211, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 211, 251) }
```

Border

The CSS property to change the border of an element to Yxy 60.8227, 0.2540, 0.2819 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(158, 211, 251) }
```

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

```
.border{ border-color:rgb(158, 211, 251) }
```

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

Here you see how a box with a 4 pixel rgb(158, 211, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 211, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 211, 251);  
box-shadow:4px 4px 4px 4px rgb(158, 211,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8227, 0.2540, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 211, 251) }
```

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

```
.background{ background-color: rgb(158,  
211, 251) }
```

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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