

Converting Colors

$Yxy(62.5227, 0.2599, 0.2833)$

Have a look what the booklet for
Yxy(62.5227, 0.2599, 0.2833)
contains.

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Color

Yxy(62.5503, 0.2599, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	A9D4FC
RGB	169, 212, 252
RGB Percent	66%, 83%, 99%
CMY	0.3371, 0.1687, 0.0117
CMYK	0.33, 0.16, 0.00, 0.01
HSL	209°, 93%, 83%
HSV	209°, 33%, 99%
XYZ	57.4852, 62.5503, 101.1466
YIQ	203.7030, -38.4680, 3.3240

Conversions

Conversions Part 2

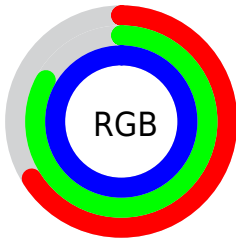
Format	Color
RYB	169, 197, 252
Decimal	11130108
CIELab	83.21, -4.77, -24.10
CIELCh	83, 24.570, 258.809
Yxy	62.5503, 0.2599, 0.2828
Android (android.graphics.Color)	4289320188 (0xFFA9D4FC)
YUV	203.7030, 23.8104, -30.4345
Hunter-Lab	79.0887, -8.6635, -20.4638

Details

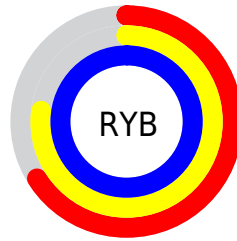
The Yxy color **62.5503, 0.2599, 0.2828** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.1993, 0.3759, 0.3709**, and the grayscale version is **60.0590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **31.9713, 0.2475, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **54.1772, 0.2437, 0.2659**, and if you desaturate by 10%, it is **71.9232, 0.2763, 0.2985**.

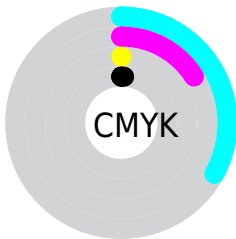
Distribution



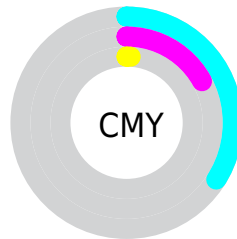
- Red (66%)
- Green (83%)
- Blue (99%)



- Red (66%)
- Yellow (77%)
- Blue (99%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (34%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5503, 0.2599, 0.2828 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 62.5503, 0.2599, 0.2828 by changing the saturation by 10% instead.

■ 62.5503, 0.2599,
0.2828

■ 62.5503, 0.2599,
0.2828

433.9356, 0.2845,
0.3047

■ 45.4775, 0.2543,
0.2777

■ 108.5205, 0.2685,
0.2905

■ 31.8337, 0.2473,
0.2714

138.1866, 0.2718,
0.2934

■ 21.2345, 0.2385,
0.2634

172.8194, 0.2746,
0.2960

■ 13.2955, 0.2271,
0.2529

212.8031, 0.2771,
0.2982

■ 7.6324, 0.2117,
0.2385

258.5222, 0.2793,
0.3001

■ 3.8606, 0.1900,
0.2178

310.3610, 0.2813,

■ 1.5959, 0.1577,

0.3018

0.1863

368.7040, 0.2830,
0.3033

0.3548, 0.0707,
0.1136

0.0000, 0.0000,
0.0000

62.5503, 0.2599,
0.2828

62.5503, 0.2599,
0.2828

54.1772, 0.2437,
0.2659

71.9232, 0.2763,
0.2985

46.7555, 0.2282,
0.2478

82.3266, 0.2925,
0.3127

40.2431, 0.2138,
0.2290

93.7989, 0.3082,
0.3255

34.5911, 0.2011,
0.2099

99.8089, 0.3144,
0.3318

■ 29.7440, 0.1906,
0.1910

■ 25.6363, 0.1824,
0.1728

■ 23.1124, 0.1779,
0.1606

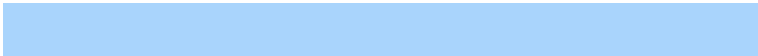
Harmonies

Analogous

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



62.5503, 0.2544, 0.3005



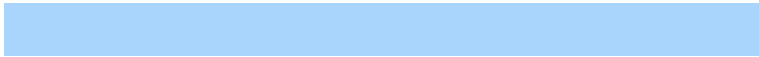
62.5503, 0.2599, 0.2828



62.5503, 0.2789, 0.2777

Triad

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



62.5503, 0.2599, 0.2828



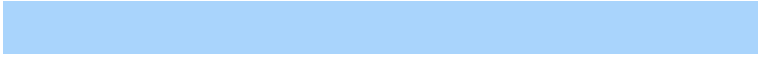
62.5503, 0.3643, 0.3269



62.5503, 0.3152, 0.3787

Complementary

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



62.5503, 0.2599, 0.2828



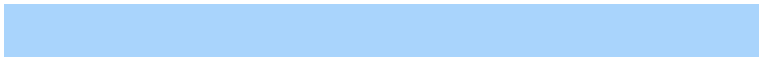
69.1993, 0.3759, 0.3709

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.



62.5503, 0.3455, 0.3845



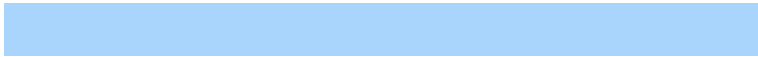
62.5503, 0.2599, 0.2828



62.5503, 0.3748, 0.3527

Square

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



62.5503, 0.2599, 0.2828



62.5503, 0.3392, 0.3028



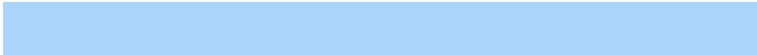
62.5503, 0.3676, 0.3741



62.5503, 0.2853, 0.3573

Rectangle

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



62.5503, 0.2599, 0.2828



62.5503, 0.2974, 0.2814



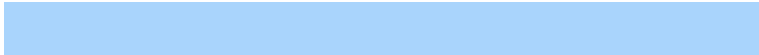
62.5503, 0.3676, 0.3741



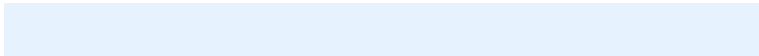
62.5503, 0.3257, 0.3826

Sweetspot

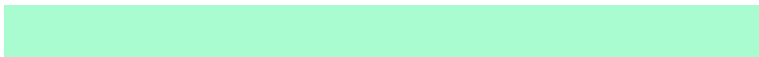
The Sweet Spot groups the original color and five complimentary colors.



62.5528, 0.2599, 0.2828



87.8816, 0.2971, 0.3166



82.6106, 0.2878, 0.3801



18.4649, 0.2949, 0.3147



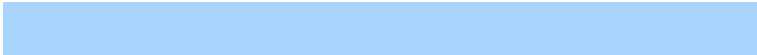
0.0000, 0.0000, 0.0000



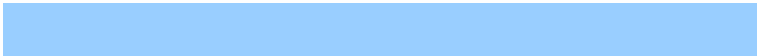
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5528, 0.2599, 0.2828



58.0369, 0.2483, 0.2709



44.9053, 0.2538, 0.2342



18.1293, 0.2980, 0.3173



12.3354, 0.1787, 0.1635



1.3548, 0.1846, 0.1845

Inverse Universe

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



53.8458, 0.3499, 0.2845



48.4888, 0.3612, 0.2747



91.4669, 0.3633, 0.4089



17.3753, 0.3212, 0.3168



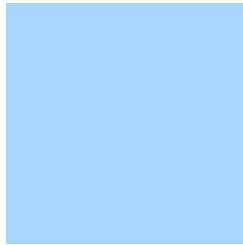
11.6562, 0.4888, 0.2466



1.1010, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 62.5503, 0.2599, 0.2828 looks on a white background.

Color Contrast Check

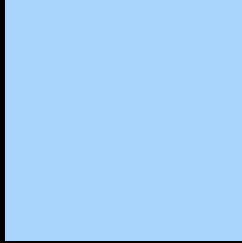
Large Text (above 18pt) WCAG AA × Fail

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 62.5503, 0.2599, 0.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

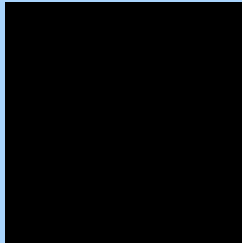
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

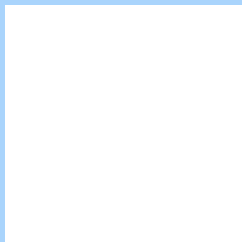
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5503, 0.2599, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 62.5503, 0.2599, 0.2828.



This preview shows how white text looks on a background with the Yxy color 62.5503, 0.2599, 0.2828.

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

62.5503, 0.2599, 0.2828

Protanopia

62.3838, 0.2800, 0.2822

Deuteranopia

62.0933, 0.2790, 0.2722



Tritanopia

62.4834, 0.2682, 0.3074

Trichromacy



Original Color

62.5503, 0.2599, 0.2828

Protanomaly

62.5161, 0.2719, 0.2826

Deuteranomaly

62.3108, 0.2720, 0.2765

Tritanomaly

62.4914, 0.2648, 0.2982

Monochromacy



Original Color

62.5503, 0.2599, 0.2828

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9225, 0.2916, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5503, 0.2599, 0.2828 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(169, 212, 252)` looks like.

```
.text, #text, p{  
    color:rgb(169, 212, 252)  
}
```

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(169, 212, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 212, 252) }
```

Border

The CSS property to change the border of an element to Yxy 62.5503, 0.2599, 0.2828 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(169, 212, 252) }
```

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

```
.border{ border-color:rgb(169, 212, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 212, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 212, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 212, 252);  
box-shadow:4px 4px 4px 4px rgb(169, 212,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5503, 0.2599, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 212, 252) }
```

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

```
.background{ background-color: rgb(169,  
212, 252) }
```

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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