

Converting Colors

$Y_{xy}(62.5055, 0.2551, 0.2770)$

Have a look what the booklet for
Yxy(62.5055, 0.2551, 0.2770)
contains.

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Color

Yxy(62.3063, 0.2561, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	A5D4FF
RGB	165, 212, 255
RGB Percent	65%, 83%, 100%
CMY	0.3525, 0.1687, 0.0000
CMYK	0.35, 0.17, 0.00, 0.00
HSL	209°, 100%, 82%
HSV	209°, 35%, 100%
XYZ	57.1308, 62.3063, 103.6431
YIQ	202.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

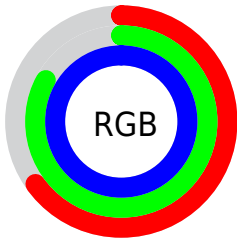
Format	Color
R_{YB}	165, 196, 255
Decimal	10867967
CIE _{Lab}	83.08, -5.08, -25.92
CIE _{LCh}	83, 26.412, 258.905
Yxy	62.3063, 0.2561, 0.2793
Android (android.graphics.Color)	4289058047 (0xFFA5D4FF)
YUV	202.8490, 25.7104, -33.1936
Hunter-Lab	78.9343, -8.9409, -22.5954

Details

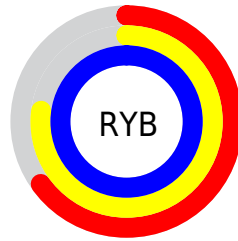
The Yxy color **62.3063, 0.2561, 0.2793** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.1603, 0.3816, 0.3737**, and the grayscale version is **59.4899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **31.8459, 0.2430, 0.2682** is the 20% darker color. If you saturate the color by 10%, you get **53.9648, 0.2401, 0.2622**, and if you desaturate by 10%, it is **71.6560, 0.2725, 0.2952**.

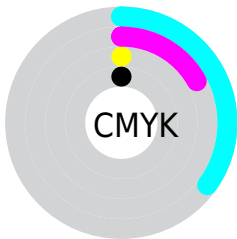
Distribution



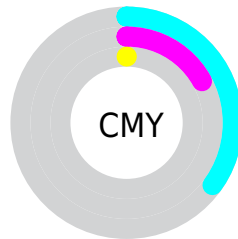
- Red (65%)
- Green (83%)
- Blue (100%)



- Red (65%)
- Yellow (77%)
- Blue (100%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3063, 0.2561, 0.2793 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 62.3063, 0.2561, 0.2793 by changing the saturation by 10% instead.

62.3063, 0.2561,
0.2793

62.3063, 0.2561,
0.2793

433.0475, 0.2824,
0.3028

45.2802, 0.2501,
0.2739

108.1681, 0.2652,
0.2875

31.6782, 0.2427,
0.2671

137.7726, 0.2688,
0.2907

21.1158, 0.2333,
0.2585

172.3388, 0.2719,
0.2934

13.2087, 0.2212,
0.2473

212.2509, 0.2745,
0.2958

7.5724, 0.2050,
0.2320

257.8935, 0.2769,
0.2979

3.8226, 0.1822,
0.2102

309.6508, 0.2789,

1.5748, 0.1488,

0.2997

0.1773

367.9074, 0.2808,
0.3013

0.3405, 0.0603,
0.1029

0.0000, 0.0000,
0.0000

62.3063, 0.2561,
0.2793

62.3063, 0.2561,
0.2793

53.9648, 0.2401,
0.2622

71.6560, 0.2725,
0.2952

46.5863, 0.2248,
0.2441

82.0511, 0.2887,
0.3097

40.1252, 0.2108,
0.2254

93.5296, 0.3046,
0.3227

34.5299, 0.1987,
0.2064

100.0000, 0.3127,
0.3290

■ 29.7416, 0.1887,
0.1878

■ 25.6900, 0.1812,
0.1699

■ 23.9798, 0.1783,
0.1617

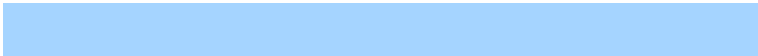
Harmonies

Analogous

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



62.3063, 0.2502, 0.2981



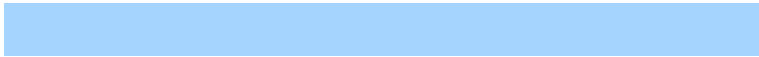
62.3063, 0.2561, 0.2793



62.3063, 0.2765, 0.2741

Triad

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



62.3063, 0.2561, 0.2793



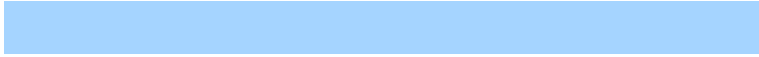
62.3063, 0.3683, 0.3267



62.3063, 0.3152, 0.3827

Complementary

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



62.3063, 0.2561, 0.2793



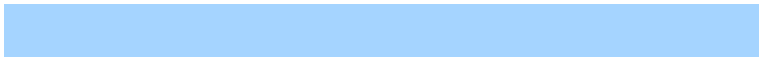
69.1603, 0.3816, 0.3737

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.



62.3063, 0.3478, 0.3888



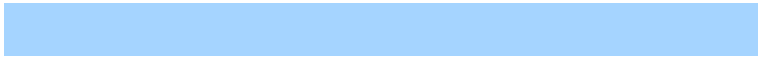
62.3063, 0.2561, 0.2793



62.3063, 0.3796, 0.3544

Square

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



62.3063, 0.2561, 0.2793



62.3063, 0.3413, 0.3009



62.3063, 0.3717, 0.3774



62.3063, 0.2831, 0.3594

Rectangle

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



62.3063, 0.2561, 0.2793



62.3063, 0.2963, 0.2780



62.3063, 0.3717, 0.3774



62.3063, 0.3265, 0.3868

Sweetspot

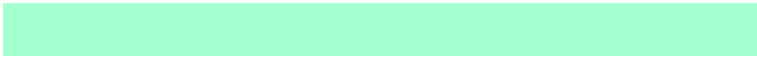
The Sweet Spot groups the original color and five complimentary colors.



62.3071, 0.2561, 0.2793



86.7936, 0.2956, 0.3154



84.0397, 0.2862, 0.3844



18.2489, 0.2934, 0.3136



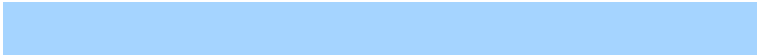
0.0000, 0.0000, 0.0000



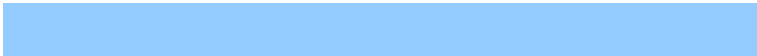
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3071, 0.2561, 0.2793



56.5672, 0.2452, 0.2679



43.2783, 0.2488, 0.2262



18.9448, 0.2979, 0.3173



12.8311, 0.1791, 0.1646



1.4682, 0.1846, 0.1845

Inverse Universe

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



52.9643, 0.3532, 0.2809



46.7555, 0.3642, 0.2716



93.6040, 0.3669, 0.4145



18.1453, 0.3212, 0.3167



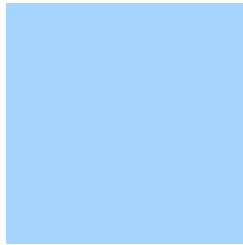
12.0233, 0.4874, 0.2458



1.1928, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 62.3063, 0.2561, 0.2793 looks on a white background.

Color Contrast Check

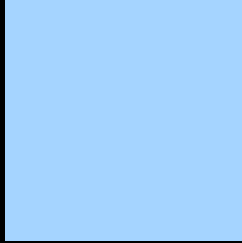
Large Text (above 18pt) WCAG AA × Fail

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 62.3063, 0.2561, 0.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

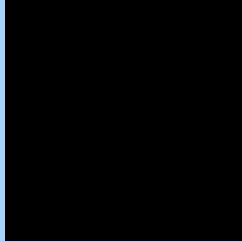
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

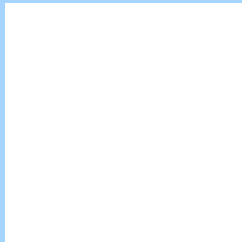
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3063, 0.2561, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 62.3063, 0.2561, 0.2793.



This preview shows how white text looks on a background with the Yxy color 62.3063, 0.2561, 0.2793.

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

62.3063, 0.2561, 0.2793

Protanopia

61.8236, 0.2768, 0.2778

Deuteranopia

61.8786, 0.2770, 0.2710



Tritanopia

62.4685, 0.2654, 0.3084

Trichromacy



Original Color

62.3063, 0.2561, 0.2793

Protanomaly

61.9682, 0.2689, 0.2782

Deuteranomaly

62.0540, 0.2689, 0.2742

Tritanomaly

62.6331, 0.2621, 0.2981

Monochromacy



Original Color

62.3063, 0.2561, 0.2793

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2354, 0.2895, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3063, 0.2561, 0.2793 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(165, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.3063, 0.2561, 0.2793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

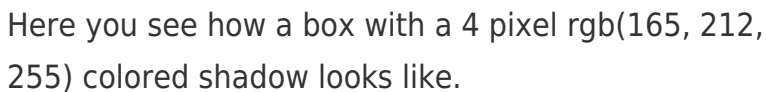
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 212, 255) }
```

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

```
.border{ border-color:rgb(165, 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(165, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 212, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 212, 255); box-shadow:4px 4px 4px 4px rgb(165, 212, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3063, 0.2561, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 212, 255) }
```

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

```
.background{ background-color: rgb(165,  
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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