

Converting Colors

$Yxy(62.6185, 0.2550, 0.2793)$

Have a look what the booklet for
Yxy(62.6185, 0.2550, 0.2793)
contains.

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Color

Yxy(62.7010, 0.2557, 0.2805)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A4D5FF |
| RGB | 164, 213, 255 |
| RGB Percent | 64%, 84%, 100% |
| CMY | 0.3567, 0.1647, 0.0001 |
| CMYK | 0.36, 0.16, 0.00, 0.00 |
| HSL | 208°, 100%, 82% |
| HSV | 208°, 36%, 100% |
| XYZ | 57.1574, 62.7010, 103.6746 |
| YIQ | 203.1370, -42.6860, 2.6740 |

Conversions

Conversions Part 2

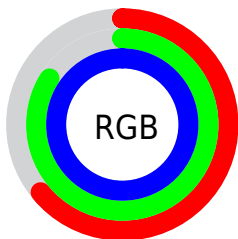
| Format | Color |
|-------------------------------------|---|
| RYB | 164, 196, 255 |
| Decimal | 10802687 |
| CIELab | 83.28, -5.92, -25.58 |
| CIElCh | 83, 26.254, 256.974 |
| Yxy | 62.7010, 0.2557, 0.2805 |
| Android (android.graphics.Color) | 4288992767 (0xFFA4D5FF) |
| YUV | 203.1370, 25.5685, -34.3231 |
| Hunter-Lab | 79.1840, -9.7252, -22.1989 |

Details

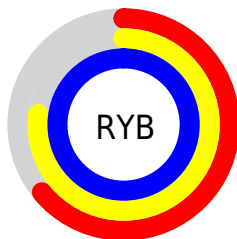
The Yxy color **62.7010, 0.2557, 0.2805** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.0916, 0.3832, 0.3727**, and the grayscale version is **59.6743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.7821, 0.2423, 0.2681** is the 20% darker color. If you saturate the color by 10%, you get **54.5479, 0.2399, 0.2640**, and if you desaturate by 10%, it is **71.8326, 0.2719, 0.2958**.

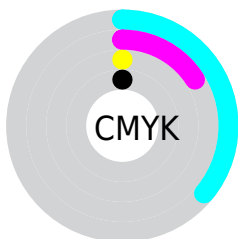
Distribution



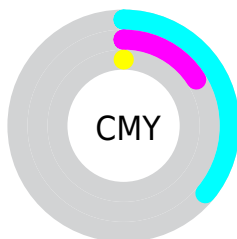
- Red (64%)
- Green (84%)
- Blue (100%)



- Red (64%)
- Yellow (77%)
- Blue (100%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7010, 0.2557, 0.2805 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 62.7010, 0.2557, 0.2805 by changing the saturation by 10% instead.


 62.7010, 0.2557,
0.2805

 62.7010, 0.2557,
0.2805


434.4835, 0.2822,
0.3035

 45.5994, 0.2497,
0.2752


 108.7380, 0.2649,
0.2885

 31.9298, 0.2422,
0.2686


 138.4422, 0.2685,
0.2916

 21.3079, 0.2329,
0.2602


173.1160, 0.2715,
0.2943

 13.3492, 0.2207,
0.2491

213.1439, 0.2742,
0.2966

 7.6695, 0.2045,
0.2341

258.9102, 0.2766,
0.2987

 3.8842, 0.1817,
0.2127

310.7993, 0.2787,

 1.6090, 0.1484,

0.3004

0.1803

369.1956, 0.2805,
0.3020

0.3636, 0.0603,
0.1090

0.0000, 0.0000,
0.0000

62.7010, 0.2557,
0.2805

62.7010, 0.2557,
0.2805

54.5479, 0.2399,
0.2640

71.8326, 0.2719,
0.2958

47.3243, 0.2249,
0.2466

81.9742, 0.2881,
0.3098

40.9870, 0.2112,
0.2285

93.1644, 0.3040,
0.3224

35.4856, 0.1994,
0.2102

99.9983, 0.3127,
0.3290

■ 30.7620, 0.1898,
0.1922

■ 26.7468, 0.1825,
0.1749

■ 25.1849, 0.1799,
0.1676

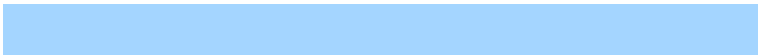
Harmonies

Analogous

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



62.7010, 0.2508, 0.3000



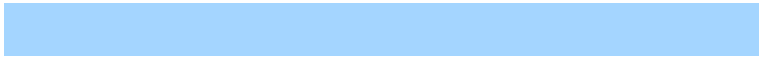
62.7010, 0.2557, 0.2805



62.7010, 0.2751, 0.2744

Triad

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



62.7010, 0.2557, 0.2805



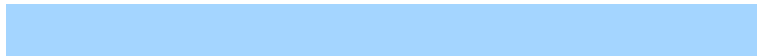
62.7010, 0.3665, 0.3250



62.7010, 0.3174, 0.3832

Complementary

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



62.7010, 0.2557, 0.2805



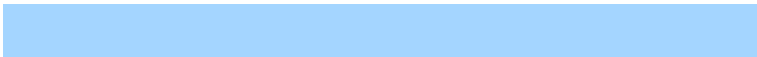
68.0916, 0.3832, 0.3727

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.



62.7010, 0.3494, 0.3881



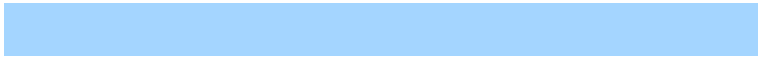
62.7010, 0.2557, 0.2805



62.7010, 0.3789, 0.3525

Square

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



62.7010, 0.2557, 0.2805



62.7010, 0.3390, 0.2997



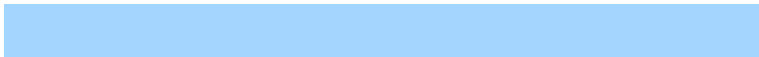
62.7010, 0.3723, 0.3759



62.7010, 0.2852, 0.3610

Rectangle

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



62.7010, 0.2557, 0.2805



62.7010, 0.2944, 0.2778



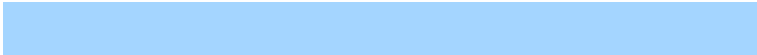
62.7010, 0.3723, 0.3759



62.7010, 0.3285, 0.3869

Sweetspot

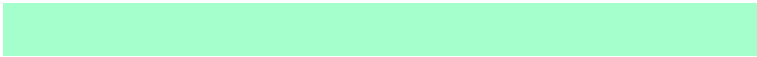
The Sweet Spot groups the original color and five complimentary colors.



62.7034, 0.2557, 0.2805



87.0772, 0.2956, 0.3159



83.8071, 0.2867, 0.3870



18.3165, 0.2934, 0.3141



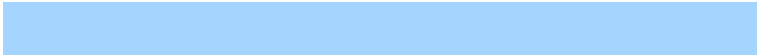
0.0000, 0.0000, 0.0000



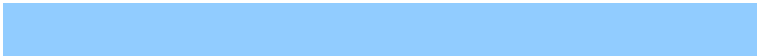
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7034, 0.2557, 0.2805



56.6380, 0.2440, 0.2685



43.3414, 0.2482, 0.2266



18.9977, 0.2979, 0.3177



13.4649, 0.1807, 0.1704



1.5297, 0.1861, 0.1898

Inverse Universe

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



52.6273, 0.3524, 0.2788



45.9958, 0.3640, 0.2685



92.5744, 0.3680, 0.4142



18.1506, 0.3209, 0.3163



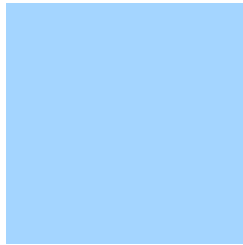
12.0873, 0.4802, 0.2419



1.1990, 0.4570, 0.2291

Previews

White Background



This preview shows how the Yxy color 62.7010, 0.2557, 0.2805 looks on a white background.

Color Contrast Check

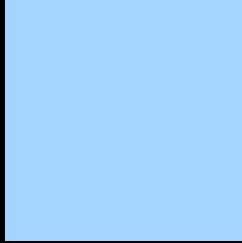
Large Text (above 18pt) WCAG AA × Fail

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 62.7010, 0.2557, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

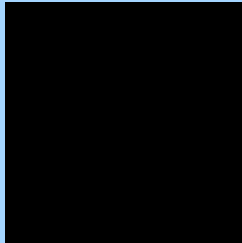
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

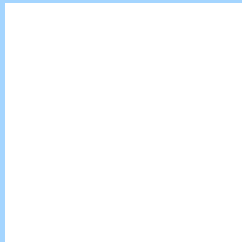
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7010, 0.2557, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 62.7010, 0.2557, 0.2805.



This preview shows how white text looks on a background with the Yxy color 62.7010, 0.2557, 0.2805.

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

62.7010, 0.2557, 0.2805

Protanopia

62.3725, 0.2782, 0.2800

Deuteranopia

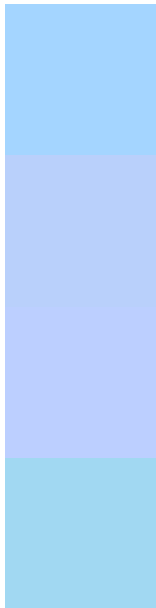
62.4884, 0.2778, 0.2722



Tritanopia

62.9371, 0.2645, 0.3084

Trichromacy



Original Color

62.7010, 0.2557, 0.2805

Protanomaly

62.3911, 0.2695, 0.2804

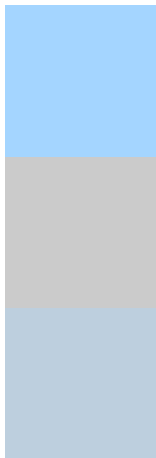
Deuteranomaly

62.5370, 0.2691, 0.2754

Tritanomaly

63.0996, 0.2612, 0.2981

Monochromacy



Original Color

62.7010, 0.2557, 0.2805

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.7184, 0.2896, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7010, 0.2557, 0.2805 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(164, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 213, 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(164, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.7010, 0.2557, 0.2805 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(164, 213, 255) }
```

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

```
.border{ border-color:rgb(164, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7010, 0.2557, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 213, 255) }
```

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

```
.background{ background-color: rgb(164,  
213, 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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