

Converting Colors

$Y_{xy}(62.0204, 0.2524, 0.2834)$

Have a look what the booklet for
Yxy(62.0204, 0.2524, 0.2834)
contains.

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Color

Yxy(62.1535, 0.2520, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	9BD6FD
RGB	155, 214, 253
RGB Percent	61%, 84%, 99%
CMY	0.3918, 0.1608, 0.0078
CMYK	0.39, 0.15, 0.00, 0.01
HSL	204°, 96%, 80%
HSV	204°, 39%, 99%
XYZ	55.3061, 62.1535, 102.0090
YIQ	200.8050, -47.6830, -0.3790

Conversions

Conversions Part 2

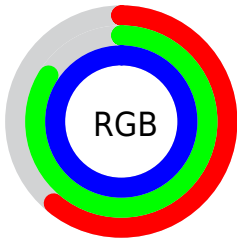
Format	Color
R _{YB}	155, 192, 253
Decimal	10213117
CIE Lab	82.99, -9.27, -25.02
CIE LCh	83, 26.682, 249.660
Yxy	62.1535, 0.2520, 0.2832
Android (android.graphics.Color)	4288403197 (0xFF9BD6FD)
YUV	200.8050, 25.7321, -40.1710
Hunter-Lab	78.8375, -12.7443, -21.5300

Details

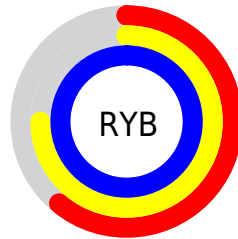
The Yxy color **62.1535, 0.2520, 0.2832** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.8828, 0.3933, 0.3702**, and the grayscale version is **58.1538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **31.4344, 0.2376, 0.2715** is the 20% darker color. If you saturate the color by 10%, you get **54.9620, 0.2371, 0.2689**, and if you desaturate by 10%, it is **70.1901, 0.2676, 0.2966**.

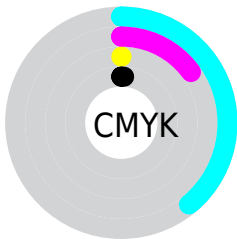
Distribution



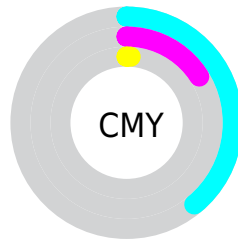
- Red (61%)
- Green (84%)
- Blue (99%)



- Red (61%)
- Yellow (75%)
- Blue (99%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)





- Cyan (39%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1535, 0.2520, 0.2832 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 62.1535, 0.2520, 0.2832 by changing the saturation by 10% instead.

 62.1535, 0.2520,
0.2832


 62.1535, 0.2520,
0.2832


432.4908, 0.2802,
0.3051

 45.1567, 0.2456,
0.2781

 107.9474, 0.2618,
0.2909

 31.5809, 0.2377,
0.2717


 137.5132, 0.2656,
0.2939

 21.0416, 0.2278,
0.2635


172.0376, 0.2688,
0.2964

 13.1544, 0.2149,
0.2528

211.9049, 0.2717,
0.2986

 7.5350, 0.1977,
0.2380

257.4994, 0.2742,
0.3005

 3.7989, 0.1737,
0.2167

309.2057, 0.2764,

 1.5617, 0.1388,

0.3022

0.1841

367.4080, 0.2784,
0.3037

0.3316, 0.0291,
0.1089

0.0000, 0.0000,
0.0000

62.1535, 0.2520,
0.2832

62.1535, 0.2520,
0.2832

54.9620, 0.2371,
0.2689

70.1901, 0.2676,
0.2966

48.5698, 0.2234,
0.2538

79.1002, 0.2834,
0.3089

42.9366, 0.2112,
0.2383

88.9196, 0.2992,
0.3202

38.0146, 0.2009,
0.2226

99.4334, 0.3139,
0.3303

■ 33.7481, 0.1928,
0.2071

99.8718, 0.3139,
0.3309

■ 30.0593, 0.1869,
0.1921

■ 29.6091, 0.1862,
0.1902

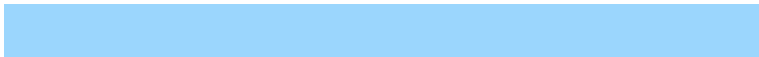
Harmonies

Analogous

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



62.1535, 0.2508, 0.3060



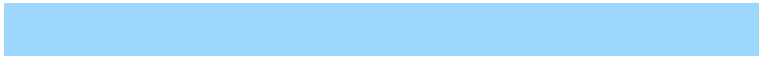
62.1535, 0.2520, 0.2832



62.1535, 0.2684, 0.2736

Triad

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



62.1535, 0.2520, 0.2832



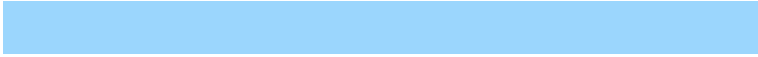
62.1535, 0.3619, 0.3182



62.1535, 0.3257, 0.3873

Complementary

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



62.1535, 0.2520, 0.2832



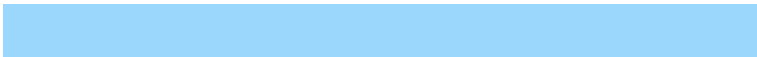
61.8828, 0.3933, 0.3702

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.



62.1535, 0.3569, 0.3876



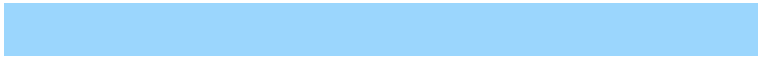
62.1535, 0.2520, 0.2832



62.1535, 0.3789, 0.3462

Square

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



62.1535, 0.2520, 0.2832



62.1535, 0.3313, 0.2938



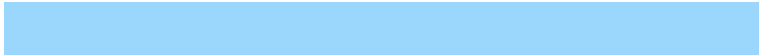
62.1535, 0.3768, 0.3717



62.1535, 0.2922, 0.3685

Rectangle

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



62.1535, 0.2520, 0.2832



62.1535, 0.2863, 0.2749



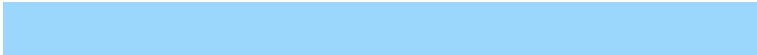
62.1535, 0.3768, 0.3717



62.1535, 0.3369, 0.3895

Sweetspot

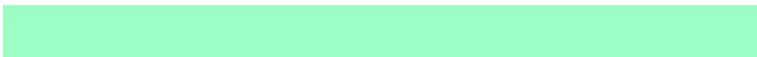
The Sweet Spot groups the original color and five complimentary colors.



62.1559, 0.2520, 0.2832



87.1169, 0.2940, 0.3166



81.0615, 0.2882, 0.4011



18.3643, 0.2919, 0.3151



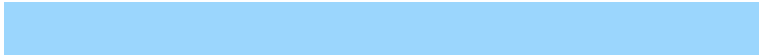
0.0000, 0.0000, 0.0000



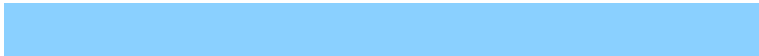
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1559, 0.2520, 0.2832



57.8361, 0.2410, 0.2728



41.5296, 0.2431, 0.2244



19.1956, 0.2979, 0.3193



16.0438, 0.1868, 0.1926



1.7759, 0.1916, 0.2097

Inverse Universe

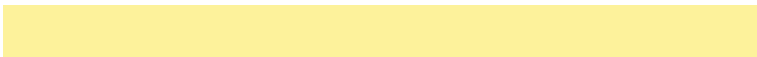
The Inverse Universe completely reimagines the original color for something new.



49.2104, 0.3512, 0.2685



43.9178, 0.3615, 0.2573



86.5051, 0.3749, 0.4155



18.1706, 0.3200, 0.3148



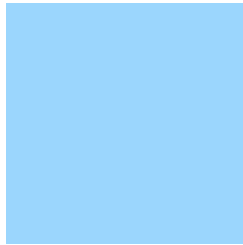
12.3476, 0.4538, 0.2274



1.2238, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 62.1535, 0.2520, 0.2832 looks on a white background.

Color Contrast Check

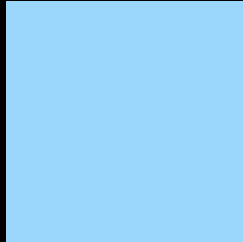
Large Text (above 18pt) WCAG AA × Fail

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 62.1535, 0.2520, 0.2832 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 62.1535, 0.2520, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 62.1535, 0.2520, 0.2832.



This preview shows how white text looks on a background with the Yxy color 62.1535, 0.2520, 0.2832.

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

62.1535, 0.2520, 0.2832

Protanopia

61.7099, 0.2799, 0.2820

Deuteranopia

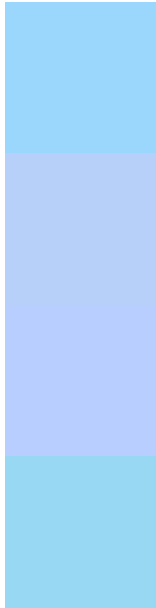
61.8786, 0.2770, 0.2710



Tritanopia

62.1079, 0.2589, 0.3070

Trichromacy



Original Color

62.1535, 0.2520, 0.2832

Protanomaly

61.8964, 0.2688, 0.2822

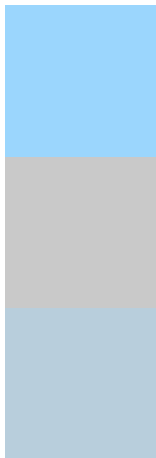
Deuteranomaly

61.4887, 0.2670, 0.2749

Tritanomaly

62.1979, 0.2562, 0.2977

Monochromacy



Original Color

62.1535, 0.2520, 0.2832

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5003, 0.2873, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1535, 0.2520, 0.2832 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(155, 214, 253)` looks like.

```
.text, #text, p{  
    color:rgb(155, 214, 253)  
}
```

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(155, 214, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 214, 253) }
```

Border

The CSS property to change the border of an element to Yxy 62.1535, 0.2520, 0.2832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

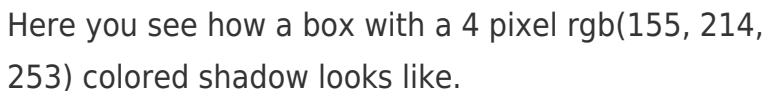
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 214, 253) }
```

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

```
.border{ border-color:rgb(155, 214, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 214, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 214, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 214, 253);  
box-shadow:4px 4px 4px 4px rgb(155, 214,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1535, 0.2520, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 214, 253) }
```

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

```
.background{ background-color: rgb(155,  
214, 253) }
```

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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