

Converting Colors

$Yxy(66.3076, 0.2300, 0.2365)$

Have a look what the booklet for
Yxy(66.3076, 0.2300, 0.2365)
contains.

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Color

Yxy(62.6909, 0.2506, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	9AD7FF
RGB	154, 215, 255
RGB Percent	60%, 84%, 100%
CMY	0.3963, 0.1568, 0.0000
CMYK	0.40, 0.16, 0.00, 0.00
HSL	204°, 100%, 80%
HSV	204°, 40%, 100%
XYZ	55.6709, 62.6909, 103.7888
YIQ	201.3210, -49.1960, -0.4920

Conversions

Conversions Part 2

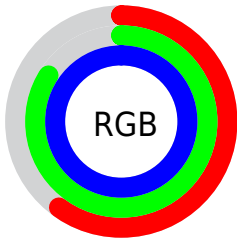
Format	Color
RYB	154, 192, 255
Decimal	10147839
CIELab	83.28, -9.58, -25.66
CIELCh	83, 27.391, 249.517
Yxy	62.6909, 0.2506, 0.2822
Android (android.graphics.Color)	4288337919 (0xFF9AD7FF)
YUV	201.3210, 26.4637, -41.5005
Hunter-Lab	79.1776, -13.0548, -22.2951

Details

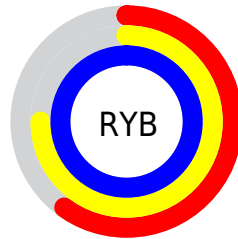
The Yxy color **62.6909, 0.2506, 0.2822** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.1455, 0.3960, 0.3709**, and the grayscale version is **58.4675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **31.8155, 0.2362, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **55.4693, 0.2359, 0.2679**, and if you desaturate by 10%, it is **70.7632, 0.2661, 0.2956**.

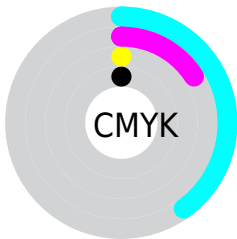
Distribution



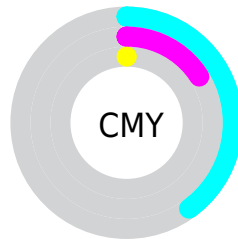
- Red (60%)
- Green (84%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6909, 0.2506, 0.2822 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 62.6909, 0.2506, 0.2822 by changing the saturation by 10% instead.


 62.6909, 0.2506,
0.2822

 62.6909, 0.2506,
0.2822


434.4468, 0.2794,
0.3045

 45.5912, 0.2441,
0.2770

 108.7235, 0.2606,
0.2901

 31.9233, 0.2361,
0.2705


 138.4251, 0.2644,
0.2931

 21.3030, 0.2260,
0.2622


173.0962, 0.2678,
0.2957

 13.3456, 0.2130,
0.2513

213.1211, 0.2707,
0.2979

 7.6670, 0.1956,
0.2364

258.8842, 0.2733,
0.2999

 3.8826, 0.1715,
0.2149

310.7699, 0.2755,

 1.6081, 0.1367,

0.3016

0.1823

369.1627, 0.2775,
0.3032

■ 0.3631, 0.0341,
0.1115

■ 0.0000, 0.0000,
0.0000

■ 62.6909, 0.2506,
0.2822

■ 62.6909, 0.2506,
0.2822

■ 55.4693, 0.2359,
0.2679

■ 70.7632, 0.2661,
0.2956

■ 49.0552, 0.2223,
0.2529

■ 79.7192, 0.2819,
0.3080

■ 43.4061, 0.2103,
0.2374

■ 89.5939, 0.2977,
0.3192

■ 38.4728, 0.2003,
0.2219

100.0000, 0.3127,
0.3290

■ 34.1974, 0.1924,
0.2065

■ 30.4927, 0.1866,
0.1916

■ 30.3626, 0.1864,
0.1911

Harmonies

Analogous

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



62.6909, 0.2495, 0.3055



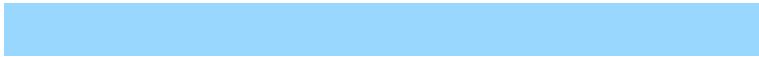
62.6909, 0.2506, 0.2822



62.6909, 0.2672, 0.2724

Triad

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



62.6909, 0.2506, 0.2822



62.6909, 0.3629, 0.3178



62.6909, 0.3262, 0.3888

Complementary

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



62.6909, 0.2506, 0.2822



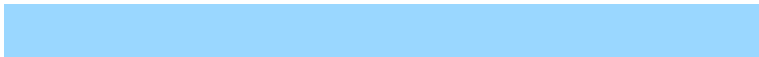
62.1455, 0.3960, 0.3709

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.



62.6909, 0.3581, 0.3890



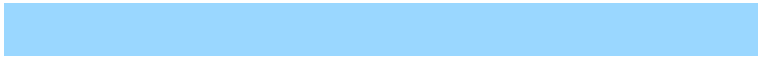
62.6909, 0.2506, 0.2822



62.6909, 0.3804, 0.3463

Square

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



62.6909, 0.2506, 0.2822



62.6909, 0.3315, 0.2929



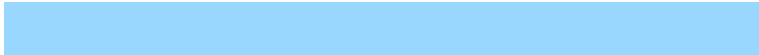
62.6909, 0.3784, 0.3725



62.6909, 0.2918, 0.3696

Rectangle

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



62.6909, 0.2506, 0.2822



62.6909, 0.2856, 0.2737



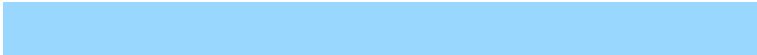
62.6909, 0.3784, 0.3725



62.6909, 0.3375, 0.3910

Sweetspot

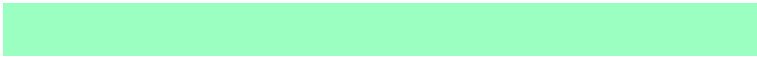
The Sweet Spot groups the original color and five complimentary colors.



62.6921, 0.2506, 0.2822



87.1675, 0.2940, 0.3167



82.2210, 0.2877, 0.4032



18.3762, 0.2920, 0.3152



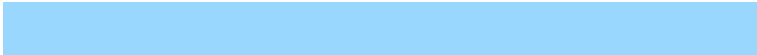
0.0000, 0.0000, 0.0000



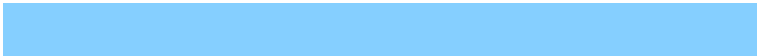
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6921, 0.2506, 0.2822



56.5895, 0.2382, 0.2703



41.2614, 0.2411, 0.2213



19.2043, 0.2979, 0.3194



16.1648, 0.1871, 0.1935



1.7873, 0.1918, 0.2106

Inverse Universe

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



49.2606, 0.3522, 0.2667



42.4095, 0.3641, 0.2541



87.8185, 0.3765, 0.4175



18.1715, 0.3199, 0.3147



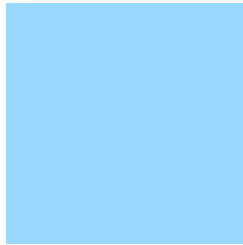
12.3598, 0.4527, 0.2267



1.2250, 0.4335, 0.2162

Previews

White Background



This preview shows how the Yxy color 62.6909, 0.2506, 0.2822 looks on a white background.

Color Contrast Check

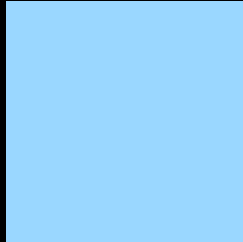
Large Text (above 18pt) WCAG AA × Fail

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 62.6909, 0.2506, 0.2822 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 62.6909, 0.2506, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 62.6909, 0.2506, 0.2822.

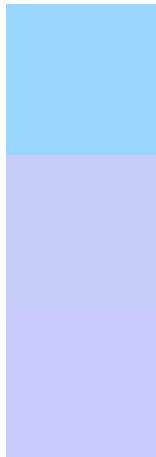


This preview shows how white text looks on a background with the Yxy color 62.6909, 0.2506, 0.2822.

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

62.6909, 0.2506, 0.2822

Protanopia

62.4457, 0.2794, 0.2812

Deuteranopia

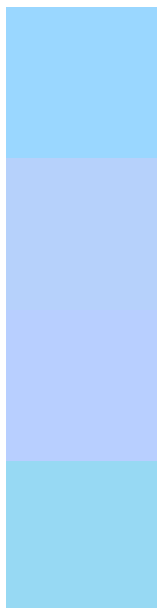
62.3494, 0.2771, 0.2721



Tritanopia

62.5885, 0.2581, 0.3070

Trichromacy



Original Color

62.6909, 0.2506, 0.2822

Protanomaly

62.5110, 0.2678, 0.2813

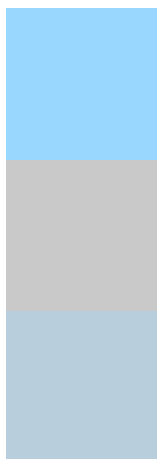
Deuteranomaly

62.0360, 0.2666, 0.2750

Tritanomaly

62.6761, 0.2554, 0.2978

Monochromacy



Original Color

62.6909, 0.2506, 0.2822

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5534, 0.2867, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6909, 0.2506, 0.2822 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(154, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 215, 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(154, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.6909, 0.2506, 0.2822 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(154, 215, 255) }
```

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

```
.border{ border-color:rgb(154, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6909, 0.2506, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 215, 255) }
```

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

```
.background{ background-color: rgb(154,  
215, 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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