

Converting Colors

$Yxy(61.6362, 0.2510, 0.2794)$

Have a look what the booklet for
Yxy(61.6362, 0.2510, 0.2794)
contains.

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Color

Yxy(61.8764, 0.2513, 0.2799)

Conversions

Conversions Part 1

Format	Color
Hex	9CD5FF
RGB	156, 213, 255
RGB Percent	61%, 84%, 100%
CMY	0.3883, 0.1647, 0.0000
CMYK	0.39, 0.16, 0.00, 0.00
HSL	205°, 100%, 81%
HSV	205°, 39%, 100%
XYZ	55.5539, 61.8764, 103.6358
YIQ	200.7450, -47.4540, 0.9780

Conversions

Conversions Part 2

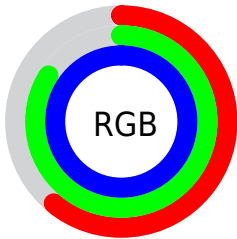
Format	Color
RYB	156, 192, 255
Decimal	10278399
CIELab	82.85, -8.02, -26.31
CIELCh	83, 27.502, 253.052
Yxy	61.8764, 0.2513, 0.2799
Android (android.graphics.Color)	4288468479 (0xFF9CD5FF)
YUV	200.7450, 26.7477, -39.2414
Hunter-Lab	78.6616, -11.5939, -23.0509

Details

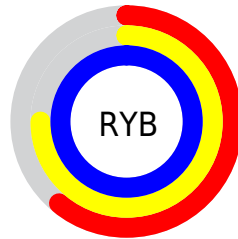
The Yxy color **61.8764, 0.2513, 0.2799** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.0394, 0.3927, 0.3729**, and the grayscale version is **58.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **31.2403, 0.2367, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **54.3346, 0.2361, 0.2646**, and if you desaturate by 10%, it is **70.3176, 0.2671, 0.2943**.

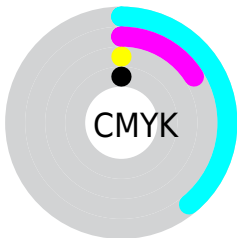
Distribution



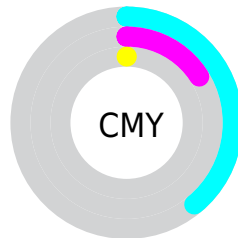
- Red (61%)
- Green (84%)
- Blue (100%)



- Red (61%)
- Yellow (75%)
- Blue (100%)



- Cyan (39%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8764, 0.2513, 0.2799 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 61.8764, 0.2513, 0.2799 by changing the saturation by 10% instead.

61.8764, 0.2513,
0.2799

61.8764, 0.2513,
0.2799

431.4801, 0.2798,
0.3033

44.9328, 0.2448,
0.2744

107.5469, 0.2612,
0.2881

31.4045, 0.2368,
0.2677

137.0426, 0.2650,
0.2913

20.9071, 0.2268,
0.2590

171.4911, 0.2684,
0.2940

13.0561, 0.2138,
0.2477

211.2769, 0.2712,
0.2963

7.4672, 0.1964,
0.2322

256.7843, 0.2738,
0.2984

3.7560, 0.1723,
0.2100

308.3977, 0.2760,

1.5380, 0.1373,

0.3002

0.1764

366.5015, 0.2780,
0.3018

0.3153, 0.0326,
0.0989

0.0000, 0.0000,
0.0000

61.8764, 0.2513,
0.2799

61.8764, 0.2513,
0.2799

54.3346, 0.2361,
0.2646

70.3176, 0.2671,
0.2943

47.6476, 0.2220,
0.2484

79.6919, 0.2831,
0.3075

41.7720, 0.2095,
0.2318

90.0356, 0.2990,
0.3194

36.6574, 0.1989,
0.2151

100.0000, 0.3127,
0.3290

■ 32.2455, 0.1905,
0.1986

■ 28.4546, 0.1843,
0.1827

■ 28.0398, 0.1836,
0.1809

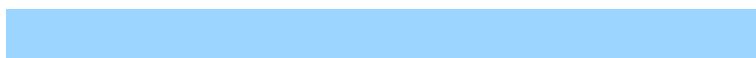
Harmonies

Analogous

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



61.8764, 0.2483, 0.3019



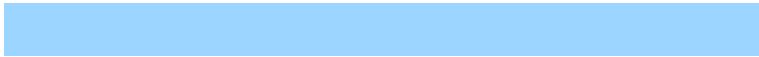
61.8764, 0.2513, 0.2799



61.8764, 0.2697, 0.2717

Triad

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



61.8764, 0.2513, 0.2799



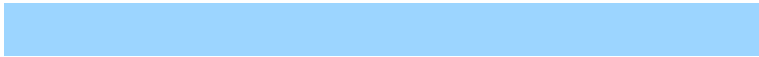
61.8764, 0.3663, 0.3210



61.8764, 0.3221, 0.3880

Complementary

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



61.8764, 0.2513, 0.2799



64.0394, 0.3927, 0.3729

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.



61.8764, 0.3551, 0.3904



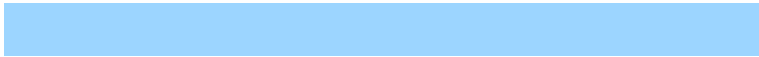
61.8764, 0.2513, 0.2799



61.8764, 0.3818, 0.3498

Square

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



61.8764, 0.2513, 0.2799



61.8764, 0.3358, 0.2952



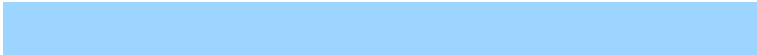
61.8764, 0.3774, 0.3754



61.8764, 0.2878, 0.3667

Rectangle

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



61.8764, 0.2513, 0.2799



61.8764, 0.2891, 0.2742



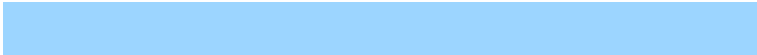
61.8764, 0.3774, 0.3754



61.8764, 0.3337, 0.3910

Sweetspot

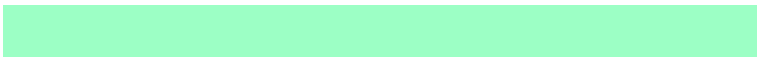
The Sweet Spot groups the original color and five complimentary colors.



61.8777, 0.2513, 0.2799



86.6484, 0.2940, 0.3158



82.6289, 0.2864, 0.3973



18.2539, 0.2919, 0.3142



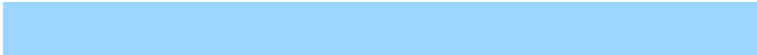
0.0000, 0.0000, 0.0000



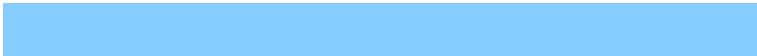
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8777, 0.2513, 0.2799



55.6489, 0.2388, 0.2674



40.9226, 0.2422, 0.2199



19.1150, 0.2979, 0.3187



14.9536, 0.1843, 0.1835



1.6726, 0.1893, 0.2016

Inverse Universe

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



49.8368, 0.3538, 0.2707



42.9975, 0.3662, 0.2588



90.0279, 0.3740, 0.4187



18.1625, 0.3204, 0.3154



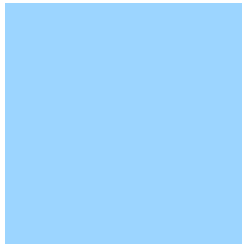
12.2375, 0.4644, 0.2332



1.2134, 0.4435, 0.2217

Previews

White Background



This preview shows how the Yxy color 61.8764, 0.2513, 0.2799 looks on a white background.

Color Contrast Check

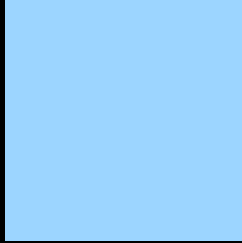
Large Text (above 18pt) WCAG AA × Fail

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 61.8764, 0.2513, 0.2799 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

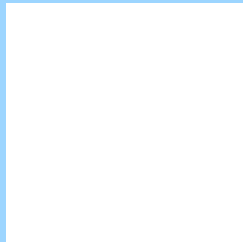
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8764, 0.2513, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 61.8764, 0.2513, 0.2799.

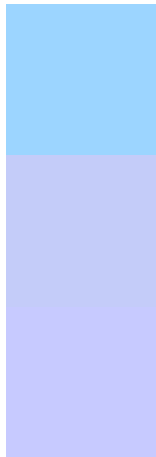


This preview shows how white text looks on a background with the Yxy color 61.8764, 0.2513, 0.2799.

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

61.8764, 0.2513, 0.2799

Protanopia

61.7610, 0.2774, 0.2788

Deuteranopia

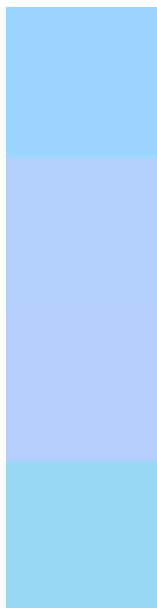
61.6032, 0.2757, 0.2708



Tritanopia

62.1455, 0.2600, 0.3082

Trichromacy



Original Color

61.8764, 0.2513, 0.2799

Protanomaly

61.4144, 0.2669, 0.2789

Deuteranomaly

61.4299, 0.2658, 0.2738

Tritanomaly

62.2948, 0.2568, 0.2978

Monochromacy



Original Color

61.8764, 0.2513, 0.2799

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1974, 0.2873, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8764, 0.2513, 0.2799 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(156, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.8764, 0.2513, 0.2799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

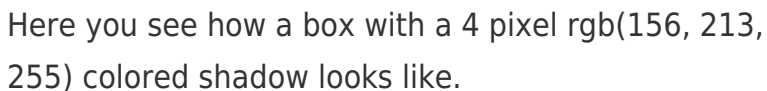
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 213, 255) }
```

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

```
.border{ border-color:rgb(156, 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(156, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8764, 0.2513, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 213, 255) }
```

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

```
.background{ background-color: rgb(156,  
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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