

Converting Colors

$Yxy(61.4184, 0.2484, 0.2797)$

Have a look what the booklet for
Yxy(61.4184, 0.2484, 0.2797)
contains.

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Color

Yxy(61.2925, 0.2482, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	96D5FF
RGB	150, 213, 255
RGB Percent	59%, 84%, 100%
CMY	0.4116, 0.1647, 0.0000
CMYK	0.41, 0.16, 0.00, 0.00
HSL	204°, 100%, 79%
HSV	204°, 41%, 100%
XYZ	54.4286, 61.2925, 103.5723
YIQ	198.9510, -51.0300, -0.2940

Conversions

Conversions Part 2

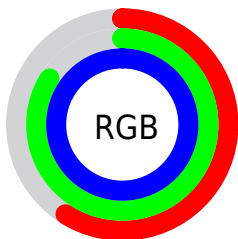
Format	Color
R _Y B	150, 189, 255
Decimal	9885183
CIE Lab	82.54, -9.51, -26.80
CIE LCh	83, 28.443, 250.458
Yxy	61.2925, 0.2482, 0.2795
Android (android.graphics.Color)	4288075263 (0xFF96D5FF)
YUV	198.9510, 27.6322, -42.9300
Hunter-Lab	78.2895, -12.9095, -23.6344

Details

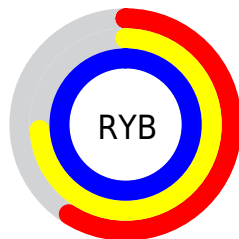
The Yxy color **61.2925, 0.2482, 0.2795** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.1877, 0.4000, 0.3730**, and the grayscale version is **56.9402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **30.8581, 0.2327, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **54.1581, 0.2335, 0.2649**, and if you desaturate by 10%, it is **69.2805, 0.2637, 0.2932**.

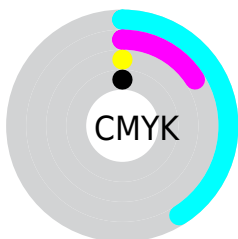
Distribution



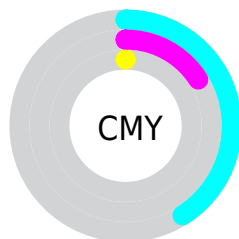
- Red (59%)
- Green (84%)
- Blue (100%)



- Red (59%)
- Yellow (74%)
- Blue (100%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2925, 0.2482, 0.2795 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 61.2925, 0.2482, 0.2795 by changing the saturation by 10% instead.

61.2925, 0.2482,
0.2795

61.2925, 0.2482,
0.2795

429.3457, 0.2782,
0.3032

44.4613, 0.2414,
0.2740

106.7023, 0.2586,
0.2878

31.0333, 0.2330,
0.2671

136.0497, 0.2626,
0.2910

20.6242, 0.2225,
0.2583

170.3380, 0.2661,
0.2938

12.8496, 0.2089,
0.2467

209.9515, 0.2691,
0.2962

7.3251, 0.1908,
0.2308

255.2746, 0.2718,
0.2982

3.6662, 0.1657,
0.2081

306.6917, 0.2742,

1.4887, 0.1296,

0.3001

0.1736

364.5873, 0.2763,
0.3017

■ 0.2807, 0.0112,
0.0912

■ 0.0000, 0.0000,
0.0000

■ 61.2925, 0.2482,
0.2795

■ 61.2925, 0.2482,
0.2795

■ 54.1581, 0.2335,
0.2649

■ 69.2805, 0.2637,
0.2932

■ 47.8308, 0.2201,
0.2496

■ 78.1531, 0.2795,
0.3059

■ 42.2680, 0.2083,
0.2339

■ 87.9468, 0.2953,
0.3175

■ 37.4192, 0.1986,
0.2182

■ 98.6941, 0.3109,
0.3279

■ 33.2245, 0.1910,
0.2027

100.0000, 0.3127,
0.3290

■ 29.9819, 0.1860,
0.1895

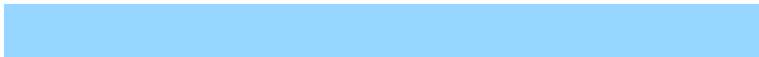
Harmonies

Analogous

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



61.2925, 0.2465, 0.3034



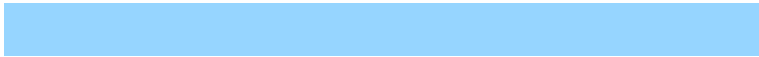
61.2925, 0.2482, 0.2795



61.2925, 0.2660, 0.2699

Triad

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



61.2925, 0.2482, 0.2795



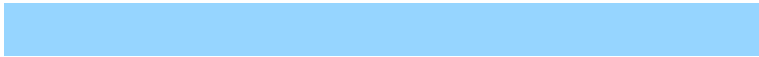
61.2925, 0.3661, 0.3181



61.2925, 0.3255, 0.3913

Complementary

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



61.2925, 0.2482, 0.2795



61.1877, 0.4000, 0.3730

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.



61.2925, 0.3592, 0.3920



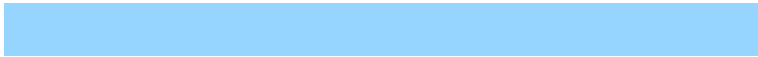
61.2925, 0.2482, 0.2795



61.2925, 0.3838, 0.3479

Square

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



61.2925, 0.2482, 0.2795



61.2925, 0.3335, 0.2920



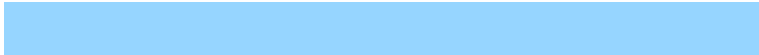
61.2925, 0.3810, 0.3751



61.2925, 0.2898, 0.3707

Rectangle

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



61.2925, 0.2482, 0.2795



61.2925, 0.2853, 0.2716



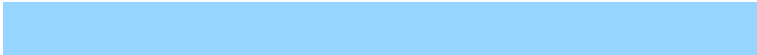
61.2925, 0.3810, 0.3751



61.2925, 0.3375, 0.3938

Sweetspot

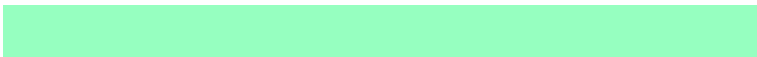
The Sweet Spot groups the original color and five complimentary colors.



61.2946, 0.2482, 0.2795



87.0844, 0.2940, 0.3165



81.8160, 0.2860, 0.4044



18.3566, 0.2919, 0.3151



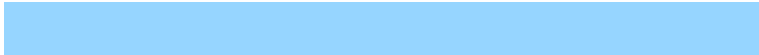
0.0000, 0.0000, 0.0000



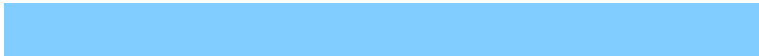
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2946, 0.2482, 0.2795



55.6273, 0.2366, 0.2681



39.0401, 0.2377, 0.2143



19.1900, 0.2979, 0.3193



15.9664, 0.1867, 0.1919



1.7686, 0.1914, 0.2091

Inverse Universe

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



47.8927, 0.3548, 0.2648



41.6458, 0.3662, 0.2532



88.4694, 0.3783, 0.4223



18.1700, 0.3200, 0.3148



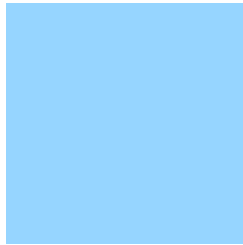
12.3398, 0.4545, 0.2278



1.2231, 0.4351, 0.2170

Previews

White Background



This preview shows how the Yxy color 61.2925, 0.2482, 0.2795 looks on a white background.

Color Contrast Check

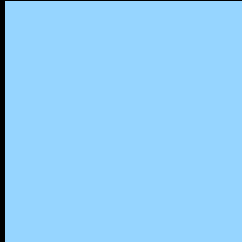
Large Text (above 18pt) WCAG AA × Fail

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 61.2925, 0.2482, 0.2795 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

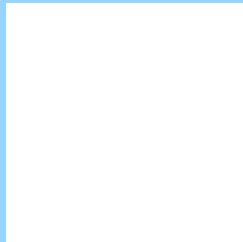
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2925, 0.2482, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 61.2925, 0.2482, 0.2795.

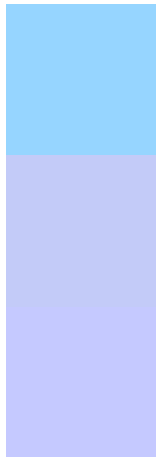


This preview shows how white text looks on a background with the Yxy color 61.2925, 0.2482, 0.2795.

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

61.2925, 0.2482, 0.2795

Protanopia

61.0913, 0.2773, 0.2786

Deuteranopia

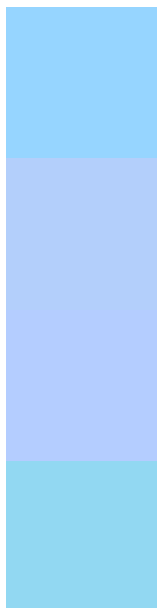
60.8636, 0.2743, 0.2694



Tritanopia

61.4955, 0.2562, 0.3080

Trichromacy



Original Color

61.2925, 0.2482, 0.2795

Protanomaly

61.1744, 0.2657, 0.2787

Deuteranomaly

60.5859, 0.2638, 0.2723

Tritanomaly

61.6335, 0.2531, 0.2974

Monochromacy



Original Color

61.2925, 0.2482, 0.2795

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.1240, 0.2858, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2925, 0.2482, 0.2795 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(150, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.2925, 0.2482, 0.2795 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(150, 213, 255) }
```

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

```
.border{ border-color:rgb(150, 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(150, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2925, 0.2482, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 213, 255) }
```

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

```
.background{ background-color: rgb(150,  
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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