

Converting Colors

$Yxy(61.7215, 0.2517, 0.2862)$

Have a look what the booklet for
Yxy(61.7215, 0.2517, 0.2862)
contains.

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Color

Yxy(61.6707, 0.2519, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	98D6FA
RGB	152, 214, 250
RGB Percent	60%, 84%, 98%
CMY	0.4036, 0.1608, 0.0197
CMYK	0.39, 0.14, 0.00, 0.02
HSL	202°, 91%, 79%
HSV	202°, 39%, 98%
XYZ	54.2607, 61.6707, 99.4744
YIQ	199.5660, -48.5080, -1.9480

Conversions

Conversions Part 2

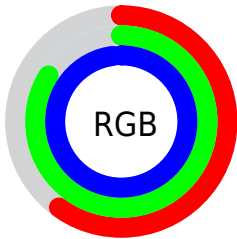
Format	Color
R _Y B	152, 190, 250
Decimal	10016506
CIE Lab	82.74, -10.81, -23.83
CIE LCh	83, 26.166, 245.590
Yxy	61.6707, 0.2519, 0.2863
Android (android.graphics.Color)	4288206586 (0xFF98D6FA)
YUV	199.5660, 24.8640, -41.7154
Hunter-Lab	78.5307, -14.0942, -20.1309

Details

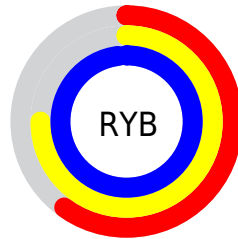
The Yxy color **61.6707, 0.2519, 0.2863** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.5948, 0.3958, 0.3676**, and the grayscale version is **57.3566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **31.1333, 0.2375, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **54.9860, 0.2375, 0.2731**, and if you desaturate by 10%, it is **69.1311, 0.2671, 0.2986**.

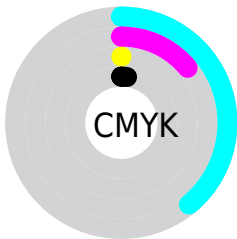
Distribution



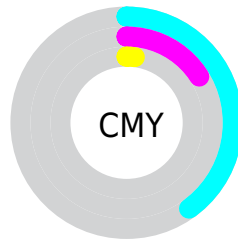
- Red (60%)
- Green (84%)
- Blue (98%)



- Red (60%)
- Yellow (75%)
- Blue (98%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6707, 0.2519, 0.2863 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 61.6707, 0.2519, 0.2863 by changing the saturation by 10% instead.

61.6707, 0.2519,
0.2863

61.6707, 0.2519,
0.2863

430.7289, 0.2802,
0.3068

44.7667, 0.2455,
0.2815

107.2495, 0.2617,
0.2936

31.2737, 0.2375,
0.2754

136.6930, 0.2655,
0.2963

20.8073, 0.2275,
0.2676

171.0851, 0.2688,
0.2987

12.9832, 0.2146,
0.2573

210.8103, 0.2717,
0.3008

7.4170, 0.1972,
0.2431

256.2528, 0.2742,
0.3026

3.7242, 0.1729,
0.2224

307.7972, 0.2764,

1.5205, 0.1374,

0.3042

0.1902

365.8277, 0.2784,
0.3056

0.3031, 0.0088,
0.1108

0.0000, 0.0000,
0.0000

61.6707, 0.2519,
0.2863

61.6707, 0.2519,
0.2863

54.9860, 0.2375,
0.2731

69.1311, 0.2671,
0.2986

49.0334, 0.2242,
0.2593

77.3937, 0.2828,
0.3100

43.7751, 0.2126,
0.2451

86.4921, 0.2985,
0.3204

39.1656, 0.2028,
0.2307

96.4555, 0.3140,
0.3297

■ 35.1516, 0.1953,
0.2164

■ 99.6813, 0.3156,
0.3338

■ 31.6550, 0.1897,
0.2025

■ 31.3775, 0.1893,
0.2014

Harmonies

Analogous

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



61.6707, 0.2529, 0.3103



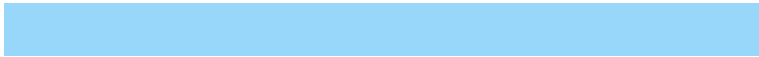
61.6707, 0.2519, 0.2863



61.6707, 0.2661, 0.2750

Triad

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



61.6707, 0.2519, 0.2863



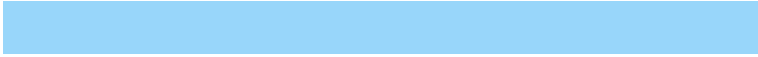
61.6707, 0.3576, 0.3148



61.6707, 0.3301, 0.3874

Complementary

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



61.6707, 0.2519, 0.2863



58.5948, 0.3958, 0.3676

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.



61.6707, 0.3597, 0.3853



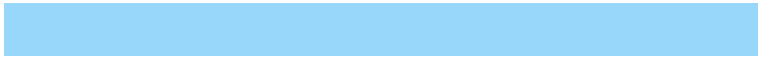
61.6707, 0.2519, 0.2863



61.6707, 0.3765, 0.3422

Square

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



61.6707, 0.2519, 0.2863



61.6707, 0.3264, 0.2916



61.6707, 0.3771, 0.3680



61.6707, 0.2968, 0.3712

Rectangle

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



61.6707, 0.2519, 0.2863



61.6707, 0.2828, 0.2751



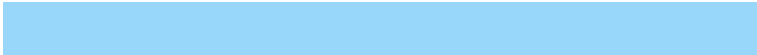
61.6707, 0.3771, 0.3680



61.6707, 0.3408, 0.3887

Sweetspot

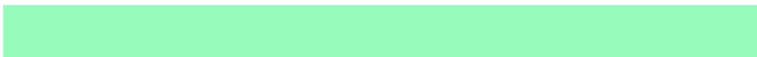
The Sweet Spot groups the original color and five complimentary colors.



61.6731, 0.2519, 0.2863



87.6813, 0.2940, 0.3175



78.6772, 0.2888, 0.4041



18.4973, 0.2920, 0.3162



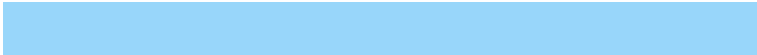
0.0000, 0.0000, 0.0000



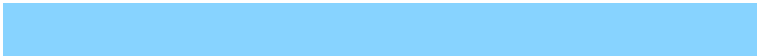
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6731, 0.2519, 0.2863



58.9375, 0.2404, 0.2760



40.5468, 0.2425, 0.2250



18.4727, 0.2980, 0.3201



16.9297, 0.1899, 0.2037



1.7703, 0.1945, 0.2203

Inverse Universe

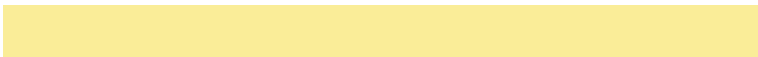
The Inverse Universe completely reimagines the original color for something new.



47.6614, 0.3490, 0.2648



43.3295, 0.3592, 0.2524



83.1216, 0.3762, 0.4150



17.4099, 0.3195, 0.3141



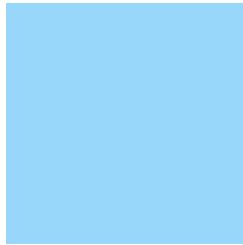
12.1200, 0.4412, 0.2204



1.1429, 0.4229, 0.2103

Previews

White Background



This preview shows how the Yxy color 61.6707, 0.2519, 0.2863 looks on a white background.

Color Contrast Check

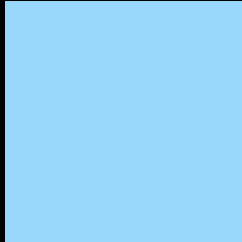
Large Text (above 18pt) WCAG AA × Fail

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 61.6707, 0.2519, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

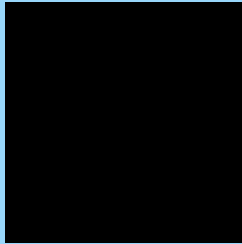
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

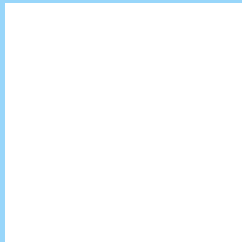
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6707, 0.2519, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 61.6707, 0.2519, 0.2863.

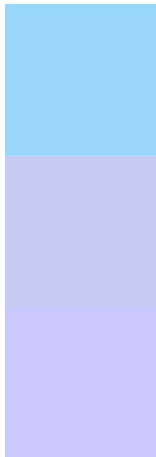


This preview shows how white text looks on a background with the Yxy color 61.6707, 0.2519, 0.2863.

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

61.6707, 0.2519, 0.2863

Protanopia

61.0533, 0.2817, 0.2840

Deuteranopia

61.2826, 0.2781, 0.2718



Tritanopia

61.8621, 0.2584, 0.3081

Trichromacy



Original Color

61.6707, 0.2519, 0.2863

Protanomaly

61.1032, 0.2697, 0.2842

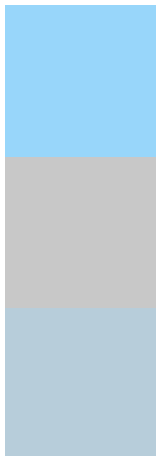
Deuteranomaly

61.2382, 0.2675, 0.2768

Tritanomaly

61.7926, 0.2556, 0.2999

Monochromacy



Original Color

61.6707, 0.2519, 0.2863

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7919, 0.2879, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6707, 0.2519, 0.2863 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(152, 214, 250)` looks like.

```
.text, #text, p{  
    color:rgb(152, 214, 250)  
}
```

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(152, 214, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 214, 250) }
```

Border

The CSS property to change the border of an element to Yxy 61.6707, 0.2519, 0.2863 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(152, 214, 250) }
```

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

```
.border{ border-color:rgb(152, 214, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 214, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 214, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 214, 250);  
box-shadow:4px 4px 4px 4px rgb(152, 214,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6707, 0.2519, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 214, 250) }
```

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

```
.background{ background-color: rgb(152,  
214, 250) }
```

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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