

Converting Colors

$Yxy(61.9049, 0.2533, 0.2865)$

Have a look what the booklet for
Yxy(61.9049, 0.2533, 0.2865)
contains.

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Color

Yxy(61.9638, 0.2534, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	9BD6FA
RGB	155, 214, 250
RGB Percent	61%, 84%, 98%
CMY	0.3925, 0.1607, 0.0196
CMYK	0.38, 0.14, 0.00, 0.02
HSL	203°, 90%, 79%
HSV	203°, 38%, 98%
XYZ	54.8050, 61.9638, 99.5098
YIQ	200.4630, -46.7200, -1.3120

Conversions

Conversions Part 2

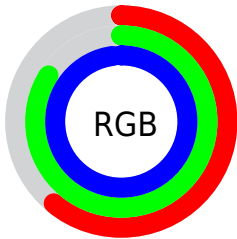
Format	Color
RYB	155, 191, 250
Decimal	10213114
CIELab	82.89, -10.10, -23.58
CIELCh	83, 25.655, 246.804
Yxy	61.9638, 0.2534, 0.2865
Android (android.graphics.Color)	4288403194 (0xFF9BD6FA)
YUV	200.4630, 24.4217, -39.8711
Hunter-Lab	78.7171, -13.4783, -19.8491

Details

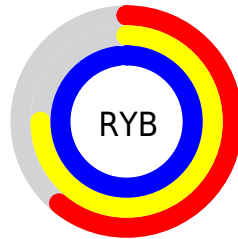
The Yxy color **61.9638, 0.2534, 0.2865** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.8960, 0.3923, 0.3675**, and the grayscale version is **57.9172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **31.2992, 0.2393, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **55.0956, 0.2387, 0.2730**, and if you desaturate by 10%, it is **69.6267, 0.2688, 0.2991**.

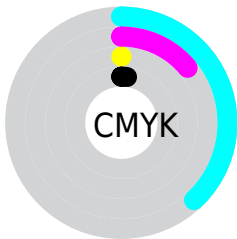
Distribution



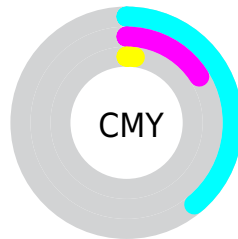
- Red (61%)
- Green (84%)
- Blue (98%)



- Red (61%)
- Yellow (75%)
- Blue (98%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9638, 0.2534, 0.2865 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 61.9638, 0.2534, 0.2865 by changing the saturation by 10% instead.

61.9638, 0.2534,
0.2865

61.9638, 0.2534,
0.2865

431.7990, 0.2810,
0.3069

45.0034, 0.2471,
0.2817

107.6732, 0.2630,
0.2937

31.4601, 0.2394,
0.2757

137.1911, 0.2667,
0.2965

20.9495, 0.2296,
0.2680

171.6635, 0.2699,
0.2988

13.0871, 0.2169,
0.2578

211.4750, 0.2727,
0.3009

7.4885, 0.1999,
0.2438

257.0099, 0.2751,
0.3027

3.7695, 0.1762,
0.2233

308.6526, 0.2773,

1.5455, 0.1413,

0.3042

0.1916

366.7875, 0.2792,
0.3056

■ 0.3204, 0.0207,
0.1149

■ 0.0000, 0.0000,
0.0000

■ 61.9638, 0.2534,
0.2865

■ 61.9638, 0.2534,
0.2865

■ 55.0956, 0.2387,
0.2730

■ 69.6267, 0.2688,
0.2991

■ 48.9783, 0.2252,
0.2588

■ 78.1106, 0.2845,
0.3107

■ 43.5742, 0.2132,
0.2442

■ 87.4495, 0.3003,
0.3213

■ 38.8380, 0.2031,
0.2293

■ 97.6727, 0.3157,
0.3308

■ 34.7172, 0.1951,
0.2146

■ 99.6819, 0.3156,
0.3338

■ 31.1417, 0.1892,
0.2003

■ 30.4849, 0.1882,
0.1975

Harmonies

Analogous

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



61.9638, 0.2537, 0.3096



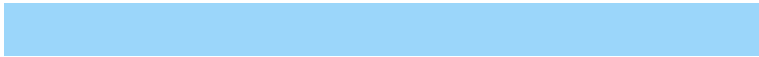
61.9638, 0.2534, 0.2865



61.9638, 0.2679, 0.2759

Triad

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



61.9638, 0.2534, 0.2865



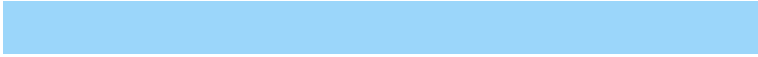
61.9638, 0.3577, 0.3162



61.9638, 0.3284, 0.3858

Complementary

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



61.9638, 0.2534, 0.2865



59.8960, 0.3923, 0.3675

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.



61.9638, 0.3577, 0.3846



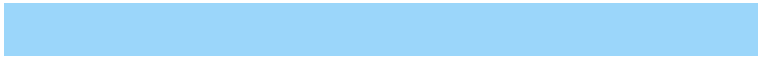
61.9638, 0.2534, 0.2865



61.9638, 0.3755, 0.3431

Square

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



61.9638, 0.2534, 0.2865



61.9638, 0.3275, 0.2932



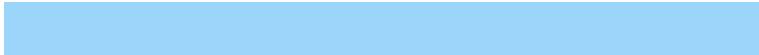
61.9638, 0.3754, 0.3681



61.9638, 0.2959, 0.3693

Rectangle

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



61.9638, 0.2534, 0.2865



61.9638, 0.2846, 0.2763



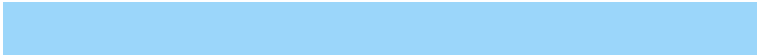
61.9638, 0.3754, 0.3681



61.9638, 0.3390, 0.3874

Sweetspot

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



61.9662, 0.2534, 0.2865



88.4782, 0.2956, 0.3183



79.0359, 0.2894, 0.4015



18.6506, 0.2935, 0.3168



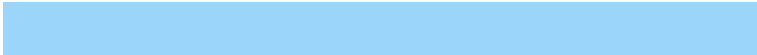
0.0000, 0.0000, 0.0000



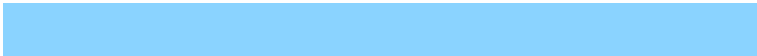
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9662, 0.2534, 0.2865



58.9999, 0.2416, 0.2758



41.7138, 0.2448, 0.2285



18.4407, 0.2980, 0.3198



16.4569, 0.1889, 0.1999



1.7284, 0.1936, 0.2170

Inverse Universe

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



48.5913, 0.3485, 0.2677



44.0353, 0.3591, 0.2551



83.4391, 0.3744, 0.4126



17.4067, 0.3196, 0.3144



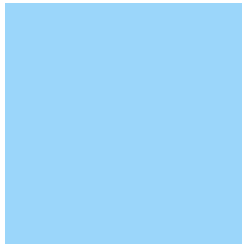
12.0722, 0.4454, 0.2227



1.1387, 0.4265, 0.2123

Previews

White Background



This preview shows how the Yxy color 61.9638, 0.2534, 0.2865 looks on a white background.

Color Contrast Check

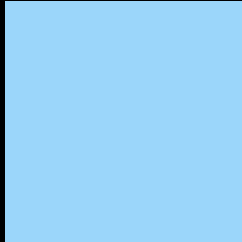
Large Text (above 18pt) WCAG AA × Fail

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 61.9638, 0.2534, 0.2865 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 61.9638, 0.2534, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 61.9638, 0.2534, 0.2865.

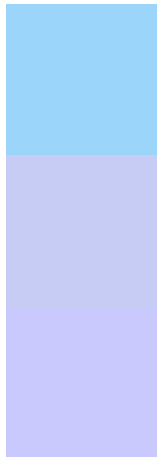


This preview shows how white text looks on a background with the Yxy color 61.9638, 0.2534, 0.2865.

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

61.9638, 0.2534, 0.2865

Protanopia

61.6626, 0.2824, 0.2852

Deuteranopia

61.4217, 0.2788, 0.2719



Tritanopia

62.1455, 0.2600, 0.3082

Trichromacy



Original Color

61.9638, 0.2534, 0.2865

Protanomaly

61.7107, 0.2705, 0.2854

Deuteranomaly

61.4852, 0.2687, 0.2770

Tritanomaly

62.0784, 0.2573, 0.3000

Monochromacy



Original Color

61.9638, 0.2534, 0.2865

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.9149, 0.2886, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9638, 0.2534, 0.2865 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 214, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 214, 250) }
```

Border

The CSS property to change the border of an element to Yxy 61.9638, 0.2534, 0.2865 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, 250) }
```

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

```
.border{ border-color:rgb(155, 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(155, 214, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 214, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 214, 250);  
box-shadow:4px 4px 4px 4px rgb(155, 214,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9638, 0.2534, 0.2865 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, 250) }
```

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

```
.background{ background-color: rgb(155,  
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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