

Converting Colors

$Yxy(61.6501, 0.2668, 0.2933)$

Have a look what the booklet for
Yxy(61.6501, 0.2668, 0.2933)
contains.

Yxy(61.5973, 0.2669, 0.2937)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.5973, 0.2669, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	ABD3F1
RGB	171, 211, 241
RGB Percent	67%, 83%, 95%
CMY	0.3291, 0.1726, 0.0549
CMYK	0.29, 0.12, 0.00, 0.05
HSL	206°, 71%, 81%
HSV	206°, 29%, 95%
XYZ	55.9766, 61.5973, 92.1548
YIQ	202.4600, -33.4700, 0.8500

Conversions

Conversions Part 2

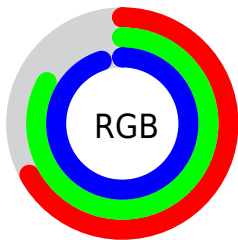
Format	Color
R _Y B	171, 196, 241
Decimal	11260913
CIE Lab	82.70, -6.32, -19.01
CIE LCh	83, 20.035, 251.619
Yxy	61.5973, 0.2669, 0.2937
Android (android.graphics.Color)	4289450993 (0xFFABD3F1)
YUV	202.4600, 19.0002, -27.5904
Hunter-Lab	78.4839, -10.0366, -14.6787

Details

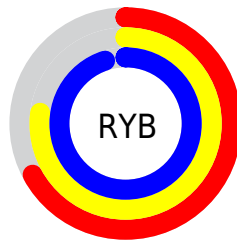
The Yxy color **61.5973, 0.2669, 0.2937** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.4536, 0.3679, 0.3618**, and the grayscale version is **59.2686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **31.3986, 0.2559, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **54.1600, 0.2511, 0.2792**, and if you desaturate by 10%, it is **69.8636, 0.2829, 0.3070**.

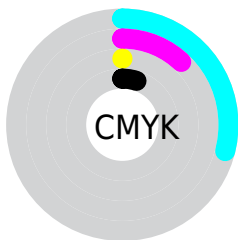
Distribution



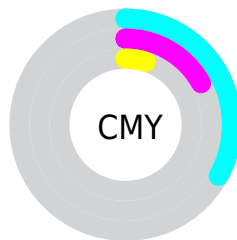
- Red (67%)
- Green (83%)
- Blue (95%)



- Red (67%)
- Yellow (77%)
- Blue (95%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5973, 0.2669, 0.2937 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 61.5973, 0.2669, 0.2937 by changing the saturation by 10% instead.

■ 61.5973, 0.2669,
0.2937

■ 61.5973, 0.2669,
0.2937

430.4607, 0.2884,
0.3106

■ 44.7074, 0.2619,
0.2897

■ 107.1433, 0.2744,
0.2997

■ 31.2270, 0.2558,
0.2847

136.5682, 0.2773,
0.3020

■ 20.7718, 0.2480,
0.2783

170.9402, 0.2798,
0.3039

■ 12.9573, 0.2377,
0.2698

210.6437, 0.2820,
0.3056

■ 7.3991, 0.2237,
0.2580

256.0631, 0.2839,
0.3071

■ 3.7129, 0.2037,
0.2406

307.5828, 0.2856,

■ 1.5143, 0.1728,

0.3084

0.2128

365.5872, 0.2870,
0.3096

0.2988, 0.0574,
0.1322

0.0000, 0.0000,
0.0000

61.5973, 0.2669,
0.2937

61.5973, 0.2669,
0.2937

54.1600, 0.2511,
0.2792

69.8636, 0.2829,
0.3070

47.5112, 0.2359,
0.2637

78.9824, 0.2988,
0.3191

41.6179, 0.2218,
0.2474

88.9850, 0.3142,
0.3300

36.4406, 0.2092,
0.2306

97.4565, 0.3211,
0.3400

■ 31.9355, 0.1985,
0.2137

■ 99.1307, 0.3209,
0.3425

■ 28.0512, 0.1901,
0.1971

■ 24.7138, 0.1838,
0.1811

■ 24.4059, 0.1832,
0.1796

Harmonies

Analogous

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



61.5973, 0.2652, 0.3107



61.5973, 0.2669, 0.2937



61.5973, 0.2803, 0.2867

Triad

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



61.5973, 0.2669, 0.2937



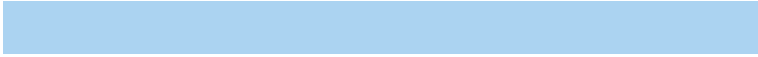
61.5973, 0.3509, 0.3224



61.5973, 0.3212, 0.3718

Complementary

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



61.5973, 0.2669, 0.2937



63.4536, 0.3679, 0.3618

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.



61.5973, 0.3450, 0.3735



61.5973, 0.2669, 0.2937



61.5973, 0.3627, 0.3440

Square

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



61.5973, 0.2669, 0.2937



61.5973, 0.3286, 0.3032



61.5973, 0.3604, 0.3628



61.5973, 0.2959, 0.3571

Rectangle

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



61.5973, 0.2669, 0.2937



61.5973, 0.2945, 0.2879



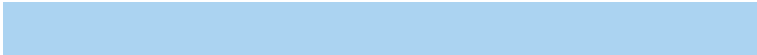
61.5973, 0.3604, 0.3628



61.5973, 0.3297, 0.3739

Sweetspot

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



61.5998, 0.2669, 0.2937



89.7805, 0.2987, 0.3191



75.7545, 0.2924, 0.3773



18.8797, 0.2964, 0.3174



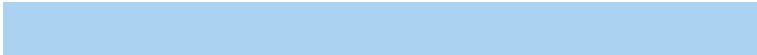
0.0000, 0.0000, 0.0000



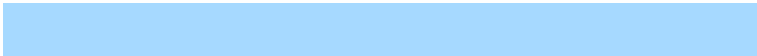
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5998, 0.2669, 0.2937



64.7707, 0.2572, 0.2850



46.4210, 0.2624, 0.2517



16.7268, 0.2980, 0.3186



13.5083, 0.1839, 0.1821



1.3209, 0.1898, 0.2033

Inverse Universe

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



52.5558, 0.3409, 0.2862



53.4357, 0.3489, 0.2769



81.1571, 0.3582, 0.3961



15.9101, 0.3204, 0.3156



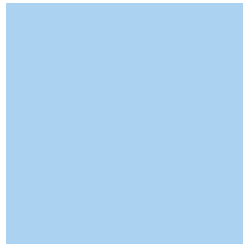
11.1570, 0.4660, 0.2341



0.9481, 0.4416, 0.2206

Previews

White Background



This preview shows how the Yxy color 61.5973, 0.2669, 0.2937 looks on a white background.

Color Contrast Check

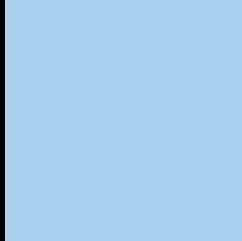
Large Text (above 18pt) WCAG AA × Fail

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 61.5973, 0.2669, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

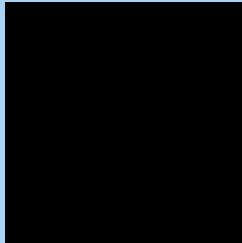
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

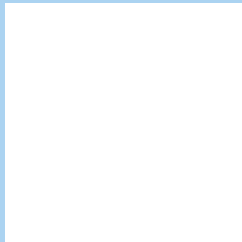
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5973, 0.2669, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 61.5973, 0.2669, 0.2937.



This preview shows how white text looks on a background with the Yxy color 61.5973, 0.2669, 0.2937.

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

61.5973, 0.2669, 0.2937

Protanopia

61.5212, 0.2882, 0.2928

Deuteranopia

61.5098, 0.2885, 0.2826



Tritanopia

61.7367, 0.2721, 0.3086

Trichromacy



Original Color

61.5973, 0.2669, 0.2937

Protanomaly

61.6175, 0.2796, 0.2934

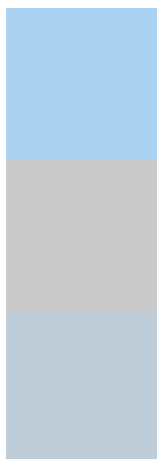
Deuteranomaly

61.5428, 0.2804, 0.2871

Tritanomaly

61.5735, 0.2703, 0.3028

Monochromacy



Original Color

61.5973, 0.2669, 0.2937

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.6969, 0.2948, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5973, 0.2669, 0.2937 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(171, 211, 241)` looks like.

```
.text, #text, p{  
    color:rgb(171, 211, 241)  
}
```

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(171, 211, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 211, 241) }
```

Border

The CSS property to change the border of an element to Yxy 61.5973, 0.2669, 0.2937 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(171, 211, 241) }
```

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

```
.border{ border-color:rgb(171, 211, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 211, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 211, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 211, 241);  
box-shadow:4px 4px 4px 4px rgb(171, 211,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5973, 0.2669, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 211, 241) }
```

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

```
.background{ background-color: rgb(171,  
211, 241) }
```

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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