

Converting Colors

$Yxy(61.6331, 0.2649, 0.2890)$

Have a look what the booklet for
Yxy(61.6331, 0.2649, 0.2890)
contains.

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Color

Yxy(61.8390, 0.2647, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	ABD3F5
RGB	171, 211, 245
RGB Percent	67%, 83%, 96%
CMY	0.3291, 0.1726, 0.0392
CMYK	0.30, 0.14, 0.00, 0.04
HSL	208°, 79%, 82%
HSV	208°, 30%, 96%
XYZ	56.5807, 61.8390, 95.3342
YIQ	202.9160, -34.7540, 2.0940

Conversions

Conversions Part 2

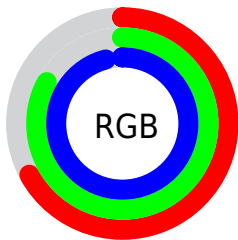
Format	Color
R _Y B	171, 197, 245
Decimal	11260917
CIE Lab	82.83, -5.37, -20.94
CIE LCh	83, 21.620, 255.614
Yxy	61.8390, 0.2647, 0.2893
Android (android.graphics.Color)	4289450997 (0xFFABD3F5)
YUV	202.9160, 20.7474, -27.9903
Hunter-Lab	78.6378, -9.1836, -16.8321

Details

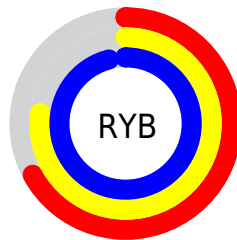
The Yxy color **61.8390, 0.2647, 0.2893** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.0544, 0.3700, 0.3655**, and the grayscale version is **59.5584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **31.5700, 0.2532, 0.2797** is the 20% darker color. If you saturate the color by 10%, you get **53.9344, 0.2487, 0.2735**, and if you desaturate by 10%, it is **70.6511, 0.2809, 0.3038**.

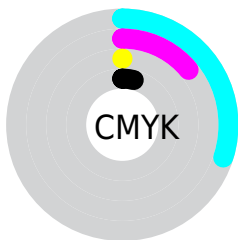
Distribution



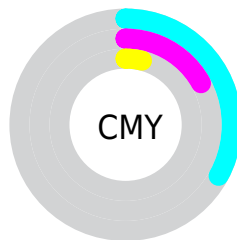
- Red (67%)
- Green (83%)
- Blue (96%)



- Red (67%)
- Yellow (77%)
- Blue (96%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8390, 0.2647, 0.2893 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 61.8390, 0.2647, 0.2893 by changing the saturation by 10% instead.

■ 61.8390, 0.2647,
0.2893

■ 61.8390, 0.2647,
0.2893

431.3436, 0.2872,
0.3082

■ 44.9026, 0.2595,
0.2849

■ 107.4928, 0.2725,
0.2960

■ 31.3807, 0.2531,
0.2793

136.9790, 0.2756,
0.2985

■ 20.8889, 0.2450,
0.2723

171.4173, 0.2782,
0.3007

■ 13.0428, 0.2344,
0.2629

211.1921, 0.2805,
0.3026

■ 7.4581, 0.2199,
0.2500

256.6877, 0.2825,
0.3043

■ 3.7502, 0.1993,
0.2312

308.2885, 0.2842,

■ 1.5348, 0.1679,

0.3057

0.2017

366.3790, 0.2858,
0.3070

0.3130, 0.0652,
0.1227

0.0000, 0.0000,
0.0000

61.8390, 0.2647,
0.2893

61.8390, 0.2647,
0.2893

53.9344, 0.2487,
0.2735

70.6511, 0.2809,
0.3038

46.8937, 0.2332,
0.2567

80.3971, 0.2969,
0.3170

40.6802, 0.2188,
0.2390

91.1112, 0.3125,
0.3288

35.2508, 0.2059,
0.2209

99.3722, 0.3185,
0.3386

■ 30.5572, 0.1950,
0.2028

■ 26.5430, 0.1865,
0.1851

■ 23.1741, 0.1802,
0.1685

Harmonies

Analogous

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



61.8390, 0.2612, 0.3062



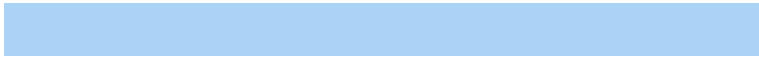
61.8390, 0.2647, 0.2893



61.8390, 0.2805, 0.2834

Triad

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



61.8390, 0.2647, 0.2893



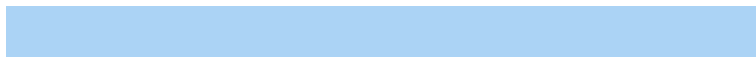
61.8390, 0.3563, 0.3249



61.8390, 0.3181, 0.3739

Complementary

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



61.8390, 0.2647, 0.2893



66.0544, 0.3700, 0.3655

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.



61.8390, 0.3444, 0.3776



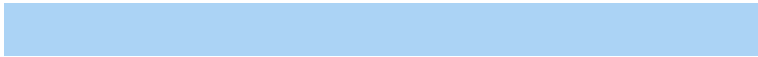
61.8390, 0.2647, 0.2893



61.8390, 0.3672, 0.3479

Square

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



61.8390, 0.2647, 0.2893



61.8390, 0.3334, 0.3037



61.8390, 0.3626, 0.3674



61.8390, 0.2912, 0.3564

Rectangle

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



61.8390, 0.2647, 0.2893



61.8390, 0.2964, 0.2858



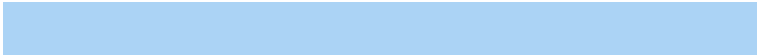
61.8390, 0.3626, 0.3674



61.8390, 0.3273, 0.3768

Sweetspot

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



61.8414, 0.2647, 0.2893



89.3522, 0.2987, 0.3184



78.3431, 0.2904, 0.3766



18.7742, 0.2964, 0.3166



0.0000, 0.0000, 0.0000



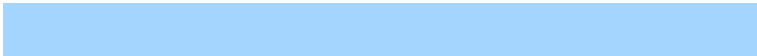
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8414, 0.2647, 0.2893



62.5007, 0.2552, 0.2801



45.8285, 0.2597, 0.2450



17.4093, 0.2980, 0.3178



12.7655, 0.1809, 0.1713



1.3275, 0.1868, 0.1926

Inverse Universe

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



53.2675, 0.3444, 0.2867



52.3179, 0.3528, 0.2782



85.4415, 0.3594, 0.4011



16.6322, 0.3209, 0.3163



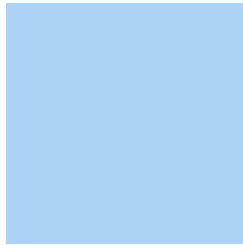
11.3881, 0.4791, 0.2413



1.0216, 0.4538, 0.2274

Previews

White Background



This preview shows how the Yxy color 61.8390, 0.2647, 0.2893 looks on a white background.

Color Contrast Check

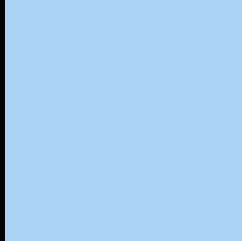
Large Text (above 18pt) WCAG AA × Fail

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 61.8390, 0.2647, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

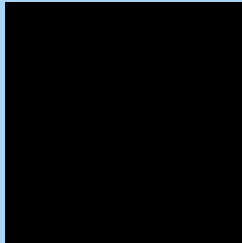
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

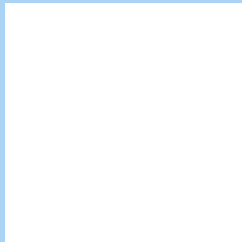
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8390, 0.2647, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 61.8390, 0.2647, 0.2893.

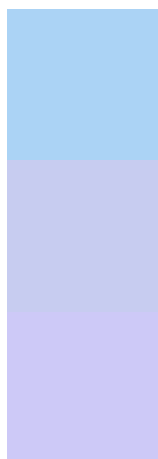


This preview shows how white text looks on a background with the Yxy color 61.8390, 0.2647, 0.2893.

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

61.8390, 0.2647, 0.2893

Protanopia

61.6191, 0.2850, 0.2885

Deuteranopia

61.4678, 0.2846, 0.2783



Tritanopia

61.6829, 0.2709, 0.3074

Trichromacy



Original Color

61.8390, 0.2647, 0.2893

Protanomaly

61.8553, 0.2772, 0.2890

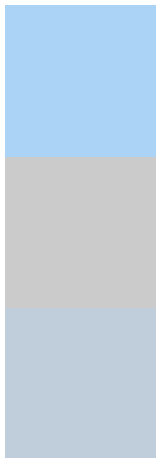
Deuteranomaly

61.6539, 0.2773, 0.2828

Tritanomaly

61.5781, 0.2686, 0.3004

Monochromacy



Original Color

61.8390, 0.2647, 0.2893

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2809, 0.2935, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8390, 0.2647, 0.2893 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(171, 211, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 211, 245) }
```

Border

The CSS property to change the border of an element to Yxy 61.8390, 0.2647, 0.2893 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, 245) }
```

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

```
.border{ border-color:rgb(171, 211, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(171, 211,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8390, 0.2647, 0.2893 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, 245) }
```

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

```
.background{ background-color: rgb(171,  
211, 245) }
```

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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