

Converting Colors

Yxy(61.3901, 0.2689, 0.2981)

Have a look what the booklet for
Yxy(61.3901, 0.2689, 0.2981)
contains.

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Color

Yxy(61.3609, 0.2691, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	ABD3ED
RGB	171, 211, 237
RGB Percent	67%, 83%, 93%
CMY	0.3294, 0.1725, 0.0706
CMYK	0.28, 0.11, 0.00, 0.07
HSL	204°, 65%, 80%
HSV	204°, 28%, 93%
XYZ	55.3730, 61.3609, 89.0371
YIQ	202.0040, -32.1860, -0.3940

Conversions

Conversions Part 2

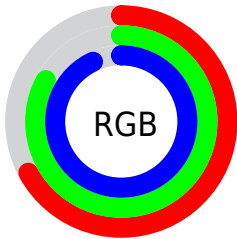
Format	Color
RYB	171, 196, 237
Decimal	11260909
CIELab	82.57, -7.28, -17.07
CIElCh	83, 18.562, 246.893
Yxy	61.3609, 0.2691, 0.2982
Android (android.graphics.Color)	4289450989 (0xFFABD3ED)
YUV	202.0040, 17.2530, -27.1905
Hunter-Lab	78.3332, -10.9032, -12.5585

Details

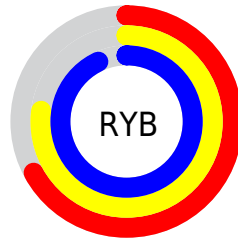
The Yxy color **61.3609, 0.2691, 0.2982** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.8676, 0.3659, 0.3578**, and the grayscale version is **58.9717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **31.2320, 0.2586, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **54.4334, 0.2536, 0.2851**, and if you desaturate by 10%, it is **69.0396, 0.2849, 0.3102**.

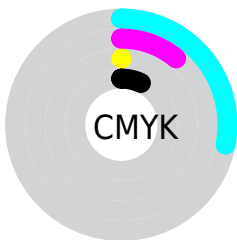
Distribution



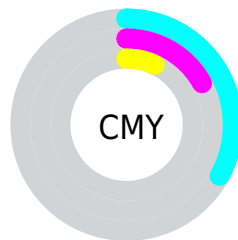
- Red (67%)
- Green (83%)
- Blue (93%)



- Red (67%)
- Yellow (77%)
- Blue (93%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3609, 0.2691, 0.2982 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 61.3609, 0.2691, 0.2982 by changing the saturation by 10% instead.

■ 61.3609, 0.2691,
0.2982

■ 61.3609, 0.2691,
0.2982

429.5960, 0.2896,
0.3130

■ 44.5165, 0.2644,
0.2947

■ 106.8013, 0.2763,
0.3034

■ 31.0768, 0.2585,
0.2903

136.1661, 0.2790,
0.3055

■ 20.6573, 0.2510,
0.2846

170.4732, 0.2814,
0.3072

■ 12.8737, 0.2411,
0.2770

210.1069, 0.2835,
0.3087

■ 7.3417, 0.2276,
0.2664

255.4516, 0.2853,
0.3100

■ 3.6767, 0.2081,
0.2505

306.8918, 0.2869,

■ 1.4944, 0.1779,

0.3111

0.2247

364.8118, 0.2883,
0.3121

0.2848, 0.0467,
0.1432

0.0000, 0.0000,
0.0000

61.3609, 0.2691,
0.2982

61.3609, 0.2691,
0.2982

54.4334, 0.2536,
0.2851

69.0396, 0.2849,
0.3102

48.2196, 0.2387,
0.2711

77.4901, 0.3006,
0.3212

42.6896, 0.2250,
0.2563

86.7413, 0.3160,
0.3310

37.8076, 0.2127,
0.2411

94.7127, 0.3238,
0.3400

■ 33.5336, 0.2023,
0.2257

■ 98.8938, 0.3232,
0.3464

■ 29.8210, 0.1941,
0.2104

■ 26.6081, 0.1880,
0.1955

■ 25.9624, 0.1868,
0.1924

Harmonies

Analogous

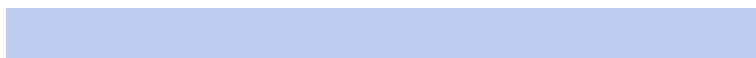
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.3609, 0.2694, 0.3153



61.3609, 0.2691, 0.2982



61.3609, 0.2800, 0.2900

Triad

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



61.3609, 0.2691, 0.2982



61.3609, 0.3453, 0.3199



61.3609, 0.3244, 0.3696

Complementary

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



61.3609, 0.2691, 0.2982



60.8676, 0.3659, 0.3578

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.



61.3609, 0.3456, 0.3694



61.3609, 0.2691, 0.2982



61.3609, 0.3581, 0.3399

Square

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



61.3609, 0.2691, 0.2982



61.3609, 0.3237, 0.3026



61.3609, 0.3581, 0.3581



61.3609, 0.3007, 0.3578

Rectangle

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



61.3609, 0.2691, 0.2982



61.3609, 0.2924, 0.2901



61.3609, 0.3581, 0.3581



61.3609, 0.3321, 0.3709

Sweetspot

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



61.3634, 0.2691, 0.2982



91.3159, 0.3003, 0.3210



73.2192, 0.2945, 0.3778



19.2105, 0.2979, 0.3194



0.0000, 0.0000, 0.0000



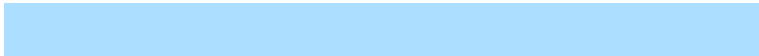
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3634, 0.2691, 0.2982



68.0327, 0.2608, 0.2914



46.8911, 0.2650, 0.2581



16.0686, 0.2981, 0.3195



14.4389, 0.1874, 0.1948



1.3204, 0.1932, 0.2153

Inverse Universe

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



51.8318, 0.3375, 0.2856



55.5959, 0.3436, 0.2771



77.1426, 0.3568, 0.3911



15.2075, 0.3198, 0.3148



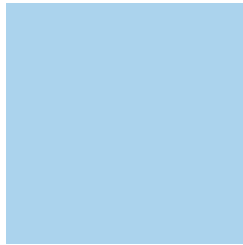
10.9504, 0.4512, 0.2259



0.8787, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 61.3609, 0.2691, 0.2982 looks on a white background.

Color Contrast Check

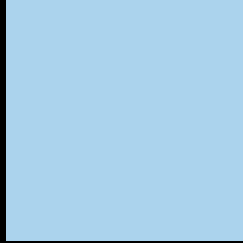
Large Text (above 18pt) WCAG AA × Fail

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 61.3609, 0.2691, 0.2982 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

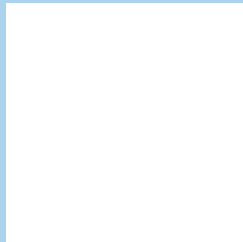
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3609, 0.2691, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 61.3609, 0.2691, 0.2982.



This preview shows how white text looks on a background with the Yxy color 61.3609, 0.2691, 0.2982.

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

61.3609, 0.2691, 0.2982

Protanopia

60.9556, 0.2914, 0.2960

Deuteranopia

60.9504, 0.2918, 0.2857



Tritanopia

61.1791, 0.2725, 0.3085

Trichromacy



Original Color

61.3609, 0.2691, 0.2982

Protanomaly

61.0303, 0.2827, 0.2966

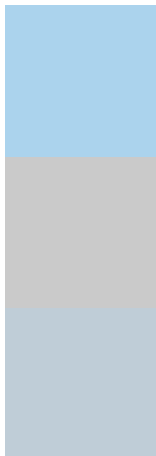
Deuteranomaly

60.9609, 0.2835, 0.2903

Tritanomaly

61.4592, 0.2714, 0.3051

Monochromacy



Original Color

61.3609, 0.2691, 0.2982

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.6453, 0.2955, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3609, 0.2691, 0.2982 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(171, 211, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 211, 237) }
```

Border

The CSS property to change the border of an element to Yxy 61.3609, 0.2691, 0.2982 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, 237) }
```

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

```
.border{ border-color:rgb(171, 211, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 211, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 211, 237);  
box-shadow:4px 4px 4px 4px rgb(171, 211,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3609, 0.2691, 0.2982 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, 237) }
```

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

```
.background{ background-color: rgb(171,  
211, 237) }
```

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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