

Converting Colors

Yxy(61.0218, 0.2718, 0.2933)

Have a look what the booklet for
Yxy(61.0218, 0.2718, 0.2933)
contains.

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Color

Yxy(61.2979, 0.2721, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	B2D1EF
RGB	178, 209, 239
RGB Percent	70%, 82%, 94%
CMY	0.3018, 0.1804, 0.0627
CMYK	0.26, 0.13, 0.00, 0.06
HSL	210°, 66%, 82%
HSV	210°, 26%, 94%
XYZ	56.7511, 61.2979, 90.5182
YIQ	203.1510, -28.1060, 2.7580

Conversions

Conversions Part 2

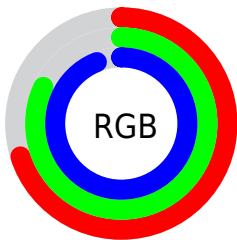
Format	Color
R_{YB}	178, 199, 239
Decimal	11719151
CIE Lab	82.54, -3.70, -18.16
CIE LCh	83, 18.536, 258.476
Yxy	61.2979, 0.2721, 0.2939
Android (android.graphics.Color)	4289909231 (0xFFB2D1EF)
YUV	203.1510, 17.6736, -22.0574
Hunter-Lab	78.2930, -7.6259, -13.7429

Details

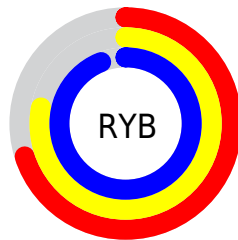
The Yxy color **61.2979, 0.2721, 0.2939** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7231, 0.3590, 0.3617**, and the grayscale version is **59.7280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **31.1467, 0.2621, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **53.1490, 0.2557, 0.2776**, and if you desaturate by 10%, it is **70.3713, 0.2884, 0.3088**.

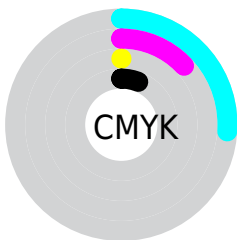
Distribution



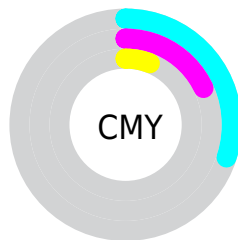
- Red (70%)
- Green (82%)
- Blue (94%)



- Red (70%)
- Yellow (78%)
- Blue (94%)



- Cyan (26%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (30%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2979, 0.2721, 0.2939 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 61.2979, 0.2721, 0.2939 by changing the saturation by 10% instead.

■ 61.2979, 0.2721,
0.2939

■ 61.2979, 0.2721,
0.2939

429.3654, 0.2912,
0.3106

■ 44.4656, 0.2677,
0.2900

■ 106.7102, 0.2788,
0.2998

■ 31.0367, 0.2622,
0.2851

136.0589, 0.2814,
0.3021

■ 20.6268, 0.2551,
0.2788

170.3487, 0.2836,
0.3040

■ 12.8515, 0.2459,
0.2704

209.9637, 0.2855,
0.3057

■ 7.3264, 0.2332,
0.2588

255.2886, 0.2872,
0.3072

■ 3.6670, 0.2148,
0.2418

306.7075, 0.2887,

■ 1.4891, 0.1860,

0.3084

364.6050, 0.2900,
0.3096

0.2145

0.2810, 0.0814,
0.1294

0.0000, 0.0000,
0.0000

61.2979, 0.2721,
0.2939

61.2979, 0.2721,
0.2939

53.1490, 0.2557,
0.2776

70.3713, 0.2884,
0.3088

45.8825, 0.2395,
0.2600

80.3944, 0.3042,
0.3222

39.4635, 0.2241,
0.2414

91.4005, 0.3195,
0.3342

33.8515, 0.2100,
0.2222

99.0133, 0.3220,
0.3444

■ 29.0014, 0.1977,
0.2027

■ 24.8621, 0.1876,
0.1836

■ 21.3725, 0.1800,
0.1654

■ 19.9786, 0.1771,
0.1576

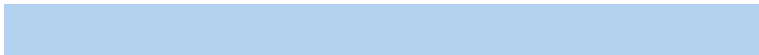
Harmonies

Analogous

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



61.2979, 0.2679, 0.3078



61.2979, 0.2721, 0.2939



61.2979, 0.2868, 0.2896

Triad

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



61.2979, 0.2721, 0.2939



61.2979, 0.3516, 0.3275



61.2979, 0.3152, 0.3664

Complementary

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



61.2979, 0.2721, 0.2939



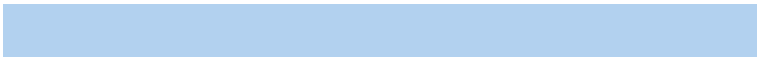
66.7231, 0.3590, 0.3617

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.



61.2979, 0.3381, 0.3709



61.2979, 0.2721, 0.2939



61.2979, 0.3597, 0.3474

Square

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



61.2979, 0.2721, 0.2939



61.2979, 0.3327, 0.3087



61.2979, 0.3546, 0.3635



61.2979, 0.2922, 0.3505

Rectangle

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



61.2979, 0.2721, 0.2939



61.2979, 0.3010, 0.2922



61.2979, 0.3546, 0.3635



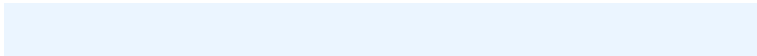
61.2979, 0.3232, 0.3693

Sweetspot

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



61.3004, 0.2721, 0.2939



90.0898, 0.3003, 0.3190



75.7475, 0.2925, 0.3657



18.9015, 0.2979, 0.3170



0.0000, 0.0000, 0.0000



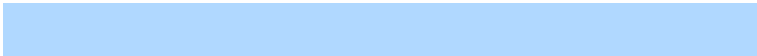
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3004, 0.2721, 0.2939



65.5884, 0.2629, 0.2849



47.9712, 0.2688, 0.2574



16.5547, 0.2980, 0.3171



11.3019, 0.1779, 0.1603



1.1394, 0.1844, 0.1839

Inverse Universe

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



54.8185, 0.3400, 0.2956



57.2522, 0.3478, 0.2880



82.7236, 0.3515, 0.3918



15.8927, 0.3214, 0.3171



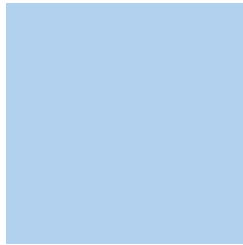
10.9343, 0.4927, 0.2488



0.9297, 0.4639, 0.2329

Previews

White Background



This preview shows how the Yxy color 61.2979, 0.2721, 0.2939 looks on a white background.

Color Contrast Check

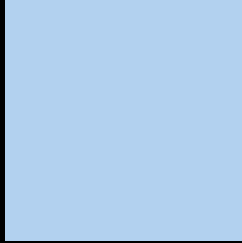
Large Text (above 18pt) WCAG AA × Fail

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 61.2979, 0.2721, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

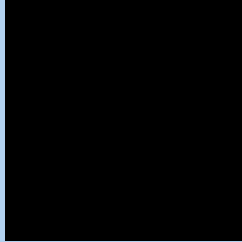
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

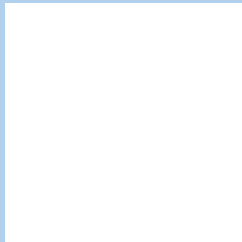
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2979, 0.2721, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 61.2979, 0.2721, 0.2939.



This preview shows how white text looks on a background with the Yxy color 61.2979, 0.2721, 0.2939.

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

61.2979, 0.2721, 0.2939

Protanopia

60.8521, 0.2881, 0.2926

Deuteranopia

61.0693, 0.2905, 0.2836



Tritanopia

61.4201, 0.2774, 0.3087

Trichromacy



Original Color

61.2979, 0.2721, 0.2939

Protanomaly

60.7951, 0.2820, 0.2933

Deuteranomaly

60.8735, 0.2835, 0.2871

Tritanomaly

61.2665, 0.2756, 0.3029

Monochromacy



Original Color

61.2979, 0.2721, 0.2939

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0898, 0.2970, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2979, 0.2721, 0.2939 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(178, 209, 239)` looks like.

```
.text, #text, p{  
    color:rgb(178, 209, 239)  
}
```

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(178, 209, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 209, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.2979, 0.2721, 0.2939 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(178, 209, 239) }
```

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

```
.border{ border-color:rgb(178, 209, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 209, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(178, 209,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2979, 0.2721, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 209, 239) }
```

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

```
.background{ background-color: rgb(178,  
209, 239) }
```

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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