

Converting Colors

Yxy(61.2433, 0.2787, 0.2913)

Have a look what the booklet for
Yxy(61.2433, 0.2787, 0.2913)
contains.

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Color

Yxy(61.1934, 0.2789, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	BDCEEF
RGB	189, 206, 239
RGB Percent	74%, 81%, 94%
CMY	0.2590, 0.1921, 0.0627
CMYK	0.21, 0.14, 0.00, 0.06
HSL	220°, 61%, 84%
HSV	220°, 21%, 94%
XYZ	58.6288, 61.1934, 90.3922
YIQ	204.6790, -20.7250, 6.6590

Conversions

Conversions Part 2

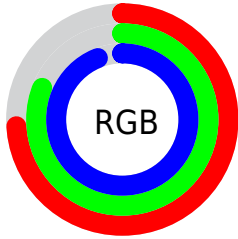
Format	Color
R _{YB}	189, 202, 239
Decimal	12439279
CIE Lab	82.48, 1.13, -18.17
CIE LCh	82, 18.207, 273.563
Yxy	61.1934, 0.2789, 0.2911
Android (android.graphics.Color)	4290629359 (0xFFBDCEEf)
YUV	204.6790, 16.9203, -13.7505
Hunter-Lab	78.2262, -3.1141, -13.7526

Details

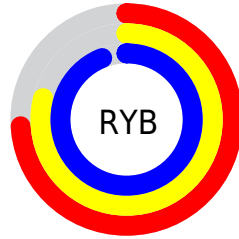
The Yxy color **61.1934, 0.2789, 0.2911** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.2373, 0.3478, 0.3642**, and the grayscale version is **60.7329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **31.0263, 0.2706, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **51.1790, 0.2614, 0.2698**, and if you desaturate by 10%, it is **72.4765, 0.2956, 0.3103**.

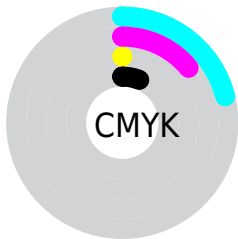
Distribution



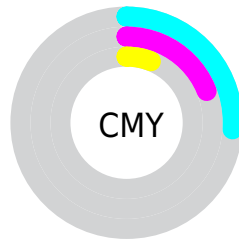
- Red (74%)
- Green (81%)
- Blue (94%)



- Red (74%)
- Yellow (79%)
- Blue (94%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (26%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1934, 0.2789, 0.2911 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 61.1934, 0.2789, 0.2911 by changing the saturation by 10% instead.

■ 61.1934, 0.2789,
0.2911

■ 61.1934, 0.2789,
0.2911

428.9828, 0.2949,
0.3090

■ 44.3813, 0.2752,
0.2869

■ 106.5589, 0.2845,
0.2974

■ 30.9704, 0.2705,
0.2818

135.8811, 0.2867,
0.2998

■ 20.5763, 0.2645,
0.2752

170.1421, 0.2885,
0.3019

■ 12.8146, 0.2567,
0.2664

209.7262, 0.2902,
0.3037

■ 7.3010, 0.2458,
0.2544

255.0180, 0.2916,
0.3052

■ 3.6511, 0.2298,
0.2369

306.4017, 0.2928,

■ 1.4804, 0.2045,

0.3066

0.2093

364.2619, 0.2939,
0.3079

0.2748, 0.1273,
0.1211

0.0000, 0.0000,
0.0000

61.1934, 0.2789,
0.2911

61.1934, 0.2789,
0.2911

51.1790, 0.2614,
0.2698

72.4765, 0.2956,
0.3103

42.3790, 0.2434,
0.2466

85.0652, 0.3113,
0.3275

34.7458, 0.2255,
0.2219

97.9163, 0.3222,
0.3428

28.2255, 0.2084,
0.1964

99.0128, 0.3220,
0.3444

■ 22.7594, 0.1929,
0.1709

■ 18.2824, 0.1798,
0.1466

■ 14.7200, 0.1697,
0.1245

■ 12.1911, 0.1631,
0.1071

Harmonies

Analogous

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



61.1934, 0.2693, 0.3002



61.1934, 0.2789, 0.2911



61.1934, 0.2975, 0.2918

Triad

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



61.1934, 0.2789, 0.2911



61.1934, 0.3565, 0.3376



61.1934, 0.3034, 0.3590

Complementary

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



61.1934, 0.2789, 0.2911



74.2373, 0.3478, 0.3642

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.



61.1934, 0.3268, 0.3695



61.1934, 0.2789, 0.2911



61.1934, 0.3580, 0.3558

Square

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



61.1934, 0.2789, 0.2911



61.1934, 0.3427, 0.3180



61.1934, 0.3469, 0.3679



61.1934, 0.2831, 0.3396

Rectangle

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



61.1934, 0.2789, 0.2911



61.1934, 0.3129, 0.2974



61.1934, 0.3469, 0.3679



61.1934, 0.3112, 0.3637

Sweetspot

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



61.1959, 0.2789, 0.2911



90.9472, 0.3035, 0.3190



77.7996, 0.2912, 0.3487



19.2628, 0.3025, 0.3179



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.



61.1959, 0.2789, 0.2911



65.9102, 0.2717, 0.2825



54.4025, 0.2829, 0.2717



16.1097, 0.2980, 0.3130



6.9547, 0.1639, 0.1100



0.7566, 0.1712, 0.1361

Inverse Universe

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



59.1826, 0.3408, 0.3106



63.4341, 0.3479, 0.3068



82.4855, 0.3390, 0.3822



15.8478, 0.3240, 0.3210



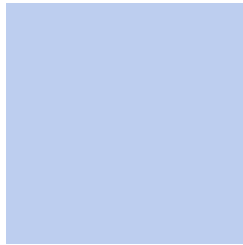
10.4954, 0.5611, 0.2865



0.8911, 0.5243, 0.2662

Previews

White Background



This preview shows how the Yxy color 61.1934, 0.2789, 0.2911 looks on a white background.

Color Contrast Check

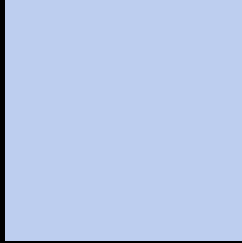
Large Text (above 18pt) WCAG AA × Fail

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 61.1934, 0.2789, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

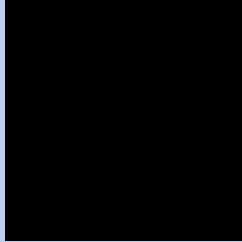
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

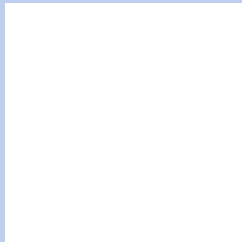
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1934, 0.2789, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 61.1934, 0.2789, 0.2911.



This preview shows how white text looks on a background with the Yxy color 61.1934, 0.2789, 0.2911.

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

61.1934, 0.2789, 0.2911

Protanopia

60.9684, 0.2868, 0.2905

Deuteranopia

61.0097, 0.2911, 0.2847



Tritanopia

60.9871, 0.2857, 0.3089

Trichromacy



Original Color

61.1934, 0.2789, 0.2911

Protanomaly

60.9609, 0.2835, 0.2903

Deuteranomaly

60.9498, 0.2863, 0.2863

Tritanomaly

60.9036, 0.2832, 0.3021

Monochromacy



Original Color

61.1934, 0.2789, 0.2911

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8145, 0.3000, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1934, 0.2789, 0.2911 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(189, 206, 239)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 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(189, 206, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.1934, 0.2789, 0.2911 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(189, 206, 239) }
```

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

```
.border{ border-color:rgb(189, 206, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 206, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 239);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1934, 0.2789, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 239) }
```

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

```
.background{ background-color: rgb(189,  
206, 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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