

Converting Colors

$Yxy(60.7857, 0.2818, 0.3076)$

Have a look what the booklet for
Yxy(60.7857, 0.2818, 0.3076)
contains.

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Color

Yxy(61.0921, 0.2818, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	B6D1E3
RGB	182, 209, 227
RGB Percent	71%, 82%, 89%
CMY	0.2864, 0.1803, 0.1099
CMYK	0.20, 0.08, 0.00, 0.11
HSL	204°, 45%, 80%
HSV	204°, 20%, 89%
XYZ	55.9498, 61.0921, 81.5025
YIQ	202.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

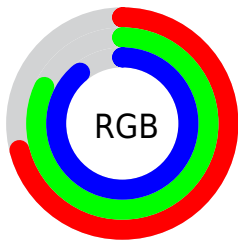
Format	Color
RYB	182, 199, 227
Decimal	11981283
CIELab	82.43, -5.22, -11.89
CIELCh	82, 12.984, 246.303
Yxy	61.0921, 0.2818, 0.3077
Android (android.graphics.Color)	4290171363 (0xFFB6D1E3)
YUV	202.9790, 11.8424, -18.3986
Hunter-Lab	78.1614, -9.0080, -7.1114

Details

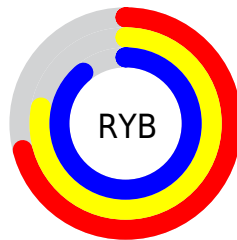
The Yxy color **61.0921, 0.2818, 0.3077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9860, 0.3481, 0.3494**, and the grayscale version is **59.6397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **31.0104, 0.2735, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **54.2305, 0.2661, 0.2953**, and if you desaturate by 10%, it is **68.6595, 0.2975, 0.3190**.

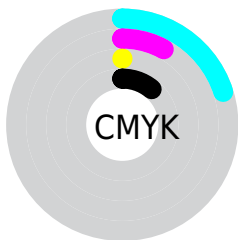
Distribution



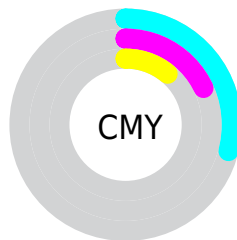
- Red (71%)
- Green (82%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0921, 0.2818, 0.3077 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 61.0921, 0.2818, 0.3077 by changing the saturation by 10% instead.

■ 61.0921, 0.2818,
0.3077

■ 61.0921, 0.2818,
0.3077

428.6116, 0.2964,
0.3180

■ 44.2995, 0.2784,
0.3053

■ 106.4123, 0.2869,
0.3113

■ 30.9060, 0.2741,
0.3022

135.7086, 0.2889,
0.3127

■ 20.5273, 0.2687,
0.2982

169.9417, 0.2906,
0.3139

■ 12.7789, 0.2614,
0.2929

209.4959, 0.2921,
0.3149

■ 7.2765, 0.2514,
0.2854

254.7556, 0.2934,
0.3158

■ 3.6356, 0.2366,
0.2740

306.1052, 0.2945,

■ 1.4719, 0.2126,

0.3166

0.2549

363.9291, 0.2955,
0.3173

0.2688, 0.0837,
0.1757

0.0000, 0.0000,
0.0000

61.0921, 0.2818,
0.3077

61.0921, 0.2818,
0.3077

54.2305, 0.2661,
0.2953

68.6595, 0.2975,
0.3190

48.0416, 0.2506,
0.2819

76.9493, 0.3130,
0.3292

42.5002, 0.2359,
0.2675

85.9870, 0.3279,
0.3382

37.5764, 0.2223,
0.2525

92.2675, 0.3303,
0.3469

■ 33.2371, 0.2103,
0.2370

■ 97.8932, 0.3292,
0.3556

■ 29.4453, 0.2003,
0.2213

■ 98.3251, 0.3292,
0.3562

■ 26.1575, 0.1924,
0.2059

■ 23.3029, 0.1864,
0.1910

■ 23.2567, 0.1863,
0.1907

Harmonies

Analogous

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



61.0921, 0.2822, 0.3200



61.0921, 0.2818, 0.3077



61.0921, 0.2895, 0.3015

Triad

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



61.0921, 0.2818, 0.3077



61.0921, 0.3353, 0.3224



61.0921, 0.3214, 0.3572

Complementary

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



61.0921, 0.2818, 0.3077



60.9860, 0.3481, 0.3494

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.



61.0921, 0.3361, 0.3572



61.0921, 0.2818, 0.3077



61.0921, 0.3443, 0.3367

Square

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



61.0921, 0.2818, 0.3077



61.0921, 0.3202, 0.3101



61.0921, 0.3446, 0.3495



61.0921, 0.3047, 0.3491

Rectangle

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



61.0921, 0.2818, 0.3077



61.0921, 0.2982, 0.3014



61.0921, 0.3446, 0.3495



61.0921, 0.3267, 0.3582

Sweetspot

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



61.0946, 0.2818, 0.3077



93.3774, 0.3034, 0.3230



69.0045, 0.2995, 0.3621



19.8368, 0.3024, 0.3223



0.0000, 0.0000, 0.0000



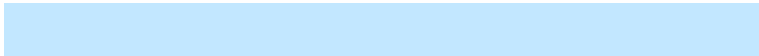
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0946, 0.2818, 0.3077



75.5730, 0.2750, 0.3025



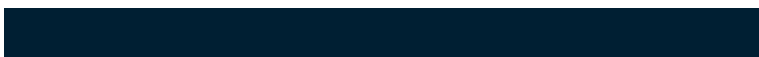
51.1228, 0.2801, 0.2810



15.3203, 0.2981, 0.3194



13.7998, 0.1869, 0.1930



1.2003, 0.1930, 0.2149

Inverse Universe

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



54.3771, 0.3292, 0.2989



65.4997, 0.3337, 0.2920



71.8043, 0.3436, 0.3729



14.5127, 0.3199, 0.3150



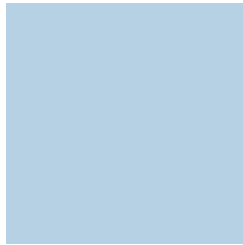
10.5908, 0.4533, 0.2271



0.8008, 0.4287, 0.2136

Previews

White Background



This preview shows how the Yxy color 61.0921, 0.2818, 0.3077 looks on a white background.

Color Contrast Check

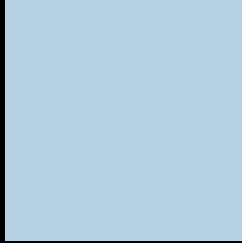
Large Text (above 18pt) WCAG AA × Fail

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 61.0921, 0.2818, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

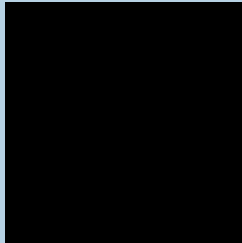
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

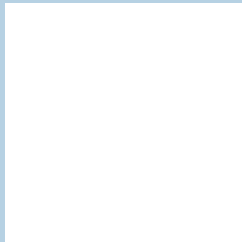
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0921, 0.2818, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 61.0921, 0.2818, 0.3077.

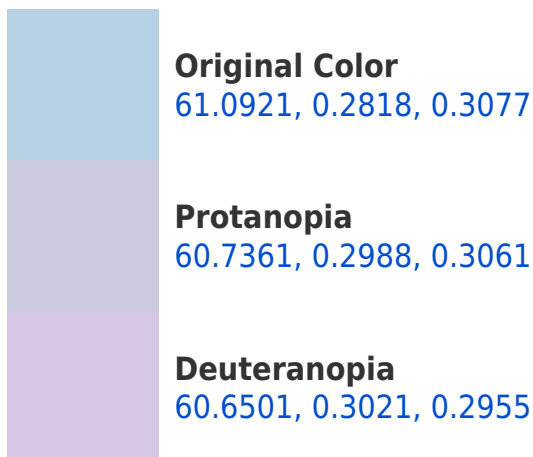


This preview shows how white text looks on a background with the Yxy color 61.0921, 0.2818, 0.3077.

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





Tritanopia

61.0370, 0.2824, 0.3088

Trichromacy



Original Color

61.0921, 0.2818, 0.3077

Protanomaly

60.6466, 0.2924, 0.3069

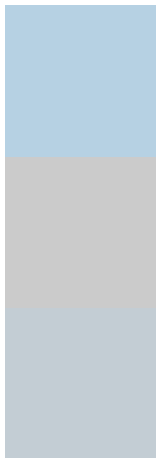
Deuteranomaly

60.8699, 0.2948, 0.3005

Tritanomaly

61.0370, 0.2824, 0.3088

Monochromacy



Original Color

61.0921, 0.2818, 0.3077

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0182, 0.3004, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0921, 0.2818, 0.3077 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(182, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 227)  
}
```

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(182, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 227) }
```

Border

The CSS property to change the border of an element to Yxy 61.0921, 0.2818, 0.3077 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(182, 209, 227) }
```

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

```
.border{ border-color:rgb(182, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0921, 0.2818, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 227) }
```

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

```
.background{ background-color: rgb(182,  
209, 227) }
```

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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