

Converting Colors

$Y_{xy}(62.0010, 0.2818, 0.3114)$

Have a look what the booklet for
Yxy(62.0010, 0.2818, 0.3114)
contains.

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Color

Yxy(61.9033, 0.2819, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	B5D3E2
RGB	181, 211, 226
RGB Percent	71%, 83%, 89%
CMY	0.2902, 0.1725, 0.1137
CMYK	0.20, 0.07, 0.00, 0.11
HSL	200°, 44%, 80%
HSV	200°, 20%, 89%
XYZ	56.0750, 61.9033, 80.9398
YIQ	203.7400, -22.6950, -1.6950

Conversions

Conversions Part 2

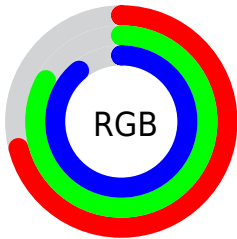
Format	Color
R_{YB}	181, 199, 226
Decimal	11916258
CIE Lab	82.86, -6.78, -10.72
CIE LCh	83, 12.684, 237.712
Yxy	61.9033, 0.2819, 0.3112
Android (android.graphics.Color)	4290106338 (0xFFB5D3E2)
YUV	203.7400, 10.9742, -19.9430
Hunter-Lab	78.6787, -10.4690, -5.9189

Details

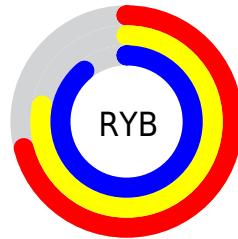
The Yxy color **61.9033, 0.2819, 0.3112** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9733, 0.3489, 0.3461**, and the grayscale version is **60.1512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **31.5662, 0.2738, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **55.7395, 0.2666, 0.3009**, and if you desaturate by 10%, it is **68.6903, 0.2974, 0.3206**.

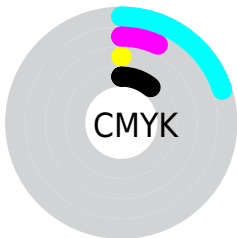
Distribution



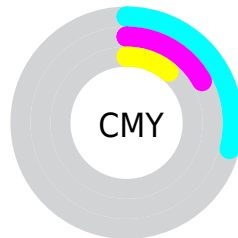
- Red (71%)
- Green (83%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9033, 0.2819, 0.3112 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 61.9033, 0.2819, 0.3112 by changing the saturation by 10% instead.

■ 61.9033, 0.2819,
0.3112

■ 61.9033, 0.2819,
0.3112

431.5783, 0.2964,
0.3198

■ 44.9546, 0.2785,
0.3091

■ 107.5858, 0.2870,
0.3143

■ 31.4216, 0.2743,
0.3066

137.0883, 0.2890,
0.3154

■ 20.9201, 0.2689,
0.3032

171.5442, 0.2907,
0.3164

■ 13.0656, 0.2617,
0.2987

211.3379, 0.2921,
0.3173

■ 7.4738, 0.2518,
0.2923

256.8537, 0.2934,
0.3180

■ 3.7601, 0.2373,
0.2825

308.4761, 0.2945,

■ 1.5403, 0.2138,

0.3187

0.2660

366.5895, 0.2955,
0.3193

0.3168, 0.0874,
0.2040

0.0000, 0.0000,
0.0000

61.9033, 0.2819,
0.3112

61.9033, 0.2819,
0.3112

55.7395, 0.2666,
0.3009

68.6903, 0.2974,
0.3206

50.1677, 0.2518,
0.2899

76.1152, 0.3128,
0.3291

45.1649, 0.2379,
0.2781

84.2015, 0.3280,
0.3367

40.7033, 0.2252,
0.2657

89.7271, 0.3314,
0.3439

■ 36.7522, 0.2143,
0.2530

■ 94.2778, 0.3305,
0.3512

■ 33.2767, 0.2052,
0.2401

■ 98.2707, 0.3298,
0.3572

■ 30.2361, 0.1982,
0.2274

■ 27.5614, 0.1930,
0.2148

■ 27.5393, 0.1930,
0.2147

Harmonies

Analogous

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



61.9033, 0.2845, 0.3243



61.9033, 0.2819, 0.3112



61.9033, 0.2872, 0.3033

Triad

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



61.9033, 0.2819, 0.3112



61.9033, 0.3309, 0.3188



61.9033, 0.3257, 0.3573

Complementary

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



61.9033, 0.2819, 0.3112



58.9733, 0.3489, 0.3461

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.



61.9033, 0.3386, 0.3549



61.9033, 0.2819, 0.3112



61.9033, 0.3417, 0.3325

Square

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



61.9033, 0.2819, 0.3112



61.9033, 0.3153, 0.3079



61.9033, 0.3445, 0.3457



61.9033, 0.3095, 0.3515

Rectangle

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



61.9033, 0.2819, 0.3112



61.9033, 0.2947, 0.3018



61.9033, 0.3445, 0.3457



61.9033, 0.3305, 0.3574

Sweetspot

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



61.9058, 0.2819, 0.3112



94.0050, 0.3034, 0.3240



68.1635, 0.3013, 0.3660



19.9853, 0.3024, 0.3234



0.0000, 0.0000, 0.0000



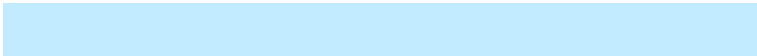
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9058, 0.2819, 0.3112



77.8622, 0.2754, 0.3070



51.8124, 0.2802, 0.2845



14.7631, 0.2982, 0.3210



15.9387, 0.1935, 0.2167



1.2673, 0.1989, 0.2360

Inverse Universe

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



53.9154, 0.3269, 0.2955



65.7308, 0.3306, 0.2881



69.5138, 0.3443, 0.3699



13.8540, 0.3188, 0.3135



10.5171, 0.4268, 0.2125



0.7454, 0.4064, 0.2012

Previews

White Background



This preview shows how the Yxy color 61.9033, 0.2819, 0.3112 looks on a white background.

Color Contrast Check

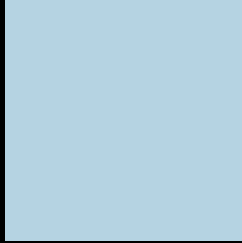
Large Text (above 18pt) WCAG AA × Fail

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 61.9033, 0.2819, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

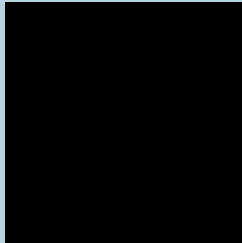
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

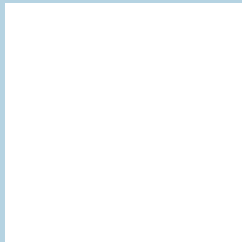
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9033, 0.2819, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 61.9033, 0.2819, 0.3112.



This preview shows how white text looks on a background with the Yxy color 61.9033, 0.2819, 0.3112.

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

61.9033, 0.2819, 0.3112

Protanopia

61.9157, 0.3010, 0.3096

Deuteranopia

61.5089, 0.3051, 0.2980



Tritanopia

62.0137, 0.2807, 0.3089

Trichromacy



Original Color

61.9033, 0.2819, 0.3112

Protanomaly

61.6891, 0.2939, 0.3104

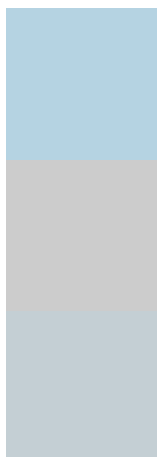
Deuteranomaly

61.4283, 0.2962, 0.3028

Tritanomaly

61.9583, 0.2813, 0.3100

Monochromacy



Original Color

61.9033, 0.2819, 0.3112

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.1149, 0.3011, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9033, 0.2819, 0.3112 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(181, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(181, 211, 226)  
}
```

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(181, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 211, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.9033, 0.2819, 0.3112 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(181, 211, 226) }
```

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

```
.border{ border-color:rgb(181, 211, 226) }
```

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

Here you see how a box with a 4 pixel rgb(181, 211, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(181, 211,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9033, 0.2819, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 211, 226) }
```

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

```
.background{ background-color: rgb(181,  
211, 226) }
```

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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