

Converting Colors

$Yxy(62.9339, 0.2813, 0.3137)$

Have a look what the booklet for
Yxy(62.9339, 0.2813, 0.3137)
contains.

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Color

Yxy(62.7828, 0.2814, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	B4D5E2
RGB	180, 213, 226
RGB Percent	71%, 84%, 89%
CMY	0.2942, 0.1647, 0.1138
CMYK	0.20, 0.06, 0.00, 0.11
HSL	197°, 44%, 80%
HSV	197°, 20%, 89%
XYZ	56.3364, 62.7828, 81.0811
YIQ	204.6150, -23.8410, -2.9530

Conversions

Conversions Part 2

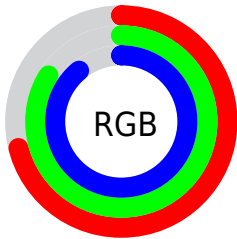
Format	Color
RYB	180, 199, 226
Decimal	11851234
CIELab	83.33, -8.13, -10.02
CIELCh	83, 12.910, 230.945
Yxy	62.7828, 0.2814, 0.3136
Android (android.graphics.Color)	4290041314 (0xFFB4D5E2)
YUV	204.6150, 10.5428, -21.5874
Hunter-Lab	79.2356, -11.7492, -5.2060

Details

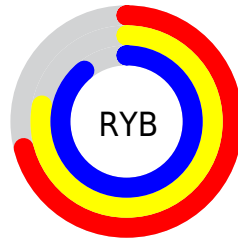
The Yxy color **62.7828, 0.2814, 0.3136** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.5701, 0.3503, 0.3439**, and the grayscale version is **60.7342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **31.8296, 0.2731, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **57.1505, 0.2664, 0.3049**, and if you desaturate by 10%, it is **68.9881, 0.2967, 0.3215**.

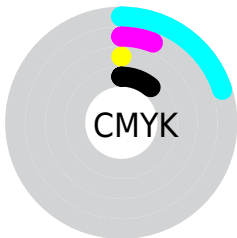
Distribution



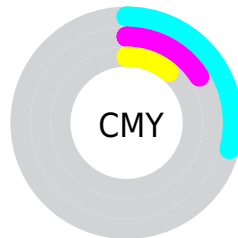
- Red (71%)
- Green (84%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7828, 0.2814, 0.3136 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 62.7828, 0.2814, 0.3136 by changing the saturation by 10% instead.

■ 62.7828, 0.2814,
0.3136

■ 62.7828, 0.2814,
0.3136

434.7808, 0.2961,
0.3211

■ 45.6655, 0.2780,
0.3118

■ 108.8561, 0.2866,
0.3163

■ 31.9820, 0.2737,
0.3096

138.5809, 0.2886,
0.3173

■ 21.3477, 0.2683,
0.3066

173.2770, 0.2903,
0.3181

■ 13.3784, 0.2611,
0.3027

213.3288, 0.2917,
0.3189

■ 7.6896, 0.2512,
0.2970

259.1207, 0.2930,
0.3195

■ 3.8970, 0.2366,
0.2885

311.0370, 0.2942,

■ 1.6161, 0.2132,

0.3201

0.2738

369.4623, 0.2952,
0.3206

0.3684, 0.0931,
0.2262

0.0000, 0.0000,
0.0000

62.7828, 0.2814,
0.3136

62.7828, 0.2814,
0.3136

57.1505, 0.2664,
0.3049

68.9881, 0.2967,
0.3215

52.0607, 0.2521,
0.2956

75.7800, 0.3122,
0.3288

47.4914, 0.2389,
0.2857

83.1812, 0.3274,
0.3352

43.4155, 0.2270,
0.2754

88.1793, 0.3317,
0.3414

■ 39.8033, 0.2169,
0.2648

■ 91.9625, 0.3310,
0.3476

■ 36.6209, 0.2087,
0.2541

■ 95.8783, 0.3302,
0.3536

■ 33.8281, 0.2025,
0.2435

■ 98.2696, 0.3298,
0.3572

■ 31.4382, 0.1982,
0.2333

Harmonies

Analogous

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



62.7828, 0.2859, 0.3277



62.7828, 0.2814, 0.3136



62.7828, 0.2850, 0.3042

Triad

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



62.7828, 0.2814, 0.3136



62.7828, 0.3278, 0.3159



62.7828, 0.3292, 0.3578

Complementary

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



62.7828, 0.2814, 0.3136



57.5701, 0.3503, 0.3439

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.



62.7828, 0.3410, 0.3537



62.7828, 0.2814, 0.3136



62.7828, 0.3402, 0.3294

Square

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



62.7828, 0.2814, 0.3136



62.7828, 0.3115, 0.3058



62.7828, 0.3451, 0.3431



62.7828, 0.3132, 0.3538

Rectangle

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



62.7828, 0.2814, 0.3136



62.7828, 0.2916, 0.3016



62.7828, 0.3451, 0.3431



62.7828, 0.3338, 0.3573

Sweetspot

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



62.7854, 0.2814, 0.3136



94.4931, 0.3034, 0.3248



67.8955, 0.3025, 0.3697



20.1008, 0.3024, 0.3243



0.0000, 0.0000, 0.0000



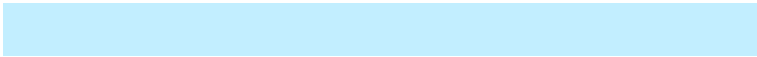
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7854, 0.2814, 0.3136



79.6705, 0.2756, 0.3104



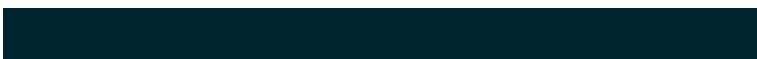
52.3242, 0.2796, 0.2863



14.8854, 0.2982, 0.3222



18.1507, 0.1986, 0.2350



1.4074, 0.2031, 0.2512

Inverse Universe

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



53.6017, 0.3253, 0.2922



65.9134, 0.3282, 0.2851



68.1826, 0.3455, 0.3684



13.8663, 0.3181, 0.3123



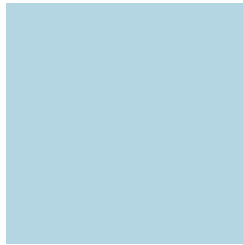
10.7404, 0.4074, 0.2018



0.7595, 0.3910, 0.1928

Previews

White Background



This preview shows how the Yxy color 62.7828, 0.2814, 0.3136 looks on a white background.

Color Contrast Check

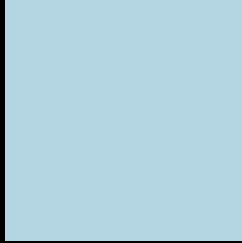
Large Text (above 18pt) WCAG AA × Fail

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 62.7828, 0.2814, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

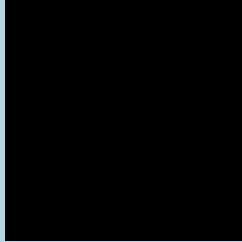
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

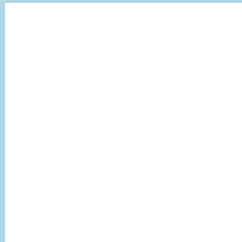
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7828, 0.2814, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 62.7828, 0.2814, 0.3136.

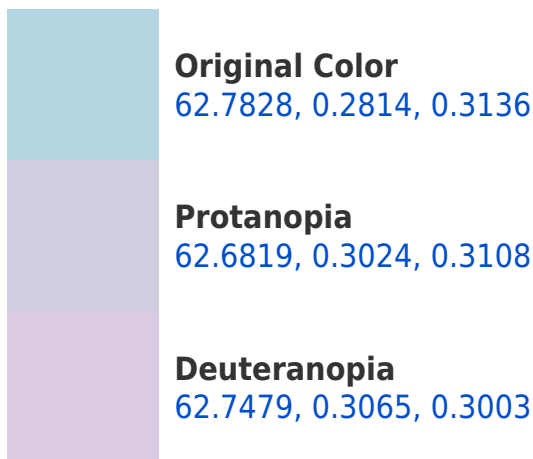


This preview shows how white text looks on a background with the Yxy color 62.7828, 0.2814, 0.3136.

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

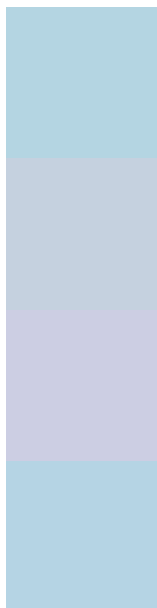




Tritanopia

62.5679, 0.2802, 0.3089

Trichromacy



Original Color

62.7828, 0.2814, 0.3136

Protanomaly

62.7990, 0.2946, 0.3128

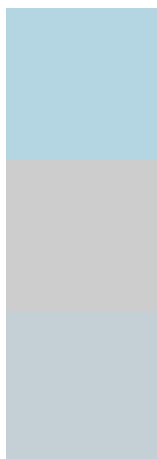
Deuteranomaly

62.5260, 0.2969, 0.3052

Tritanomaly

62.5122, 0.2808, 0.3101

Monochromacy



Original Color

62.7828, 0.2814, 0.3136

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6516, 0.3005, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7828, 0.2814, 0.3136 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(180, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(180, 213, 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(180, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 213, 226) }
```

Border

The CSS property to change the border of an element to Yxy 62.7828, 0.2814, 0.3136 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(180, 213, 226) }
```

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

```
.border{ border-color:rgb(180, 213, 226) }
```

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

Here you see how a box with a 4 pixel rgb(180, 213, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(180, 213,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7828, 0.2814, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 213, 226) }
```

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

```
.background{ background-color: rgb(180,  
213, 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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