

Converting Colors

Yxy(61.7284, 0.2786, 0.3115)

Have a look what the booklet for
Yxy(61.7284, 0.2786, 0.3115)
contains.

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Color

Yxy(61.8081, 0.2787, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	B0D4E2
RGB	176, 212, 226
RGB Percent	69%, 83%, 89%
CMY	0.3098, 0.1686, 0.1136
CMYK	0.22, 0.06, 0.00, 0.11
HSL	197°, 46%, 79%
HSV	197°, 22%, 89%
XYZ	55.1759, 61.8081, 80.9920
YIQ	202.8320, -25.9500, -3.2780

Conversions

Conversions Part 2

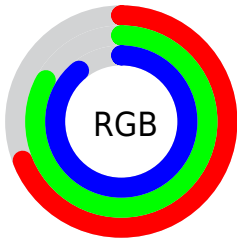
Format	Color
RYB	176, 197, 226
Decimal	11588834
CIELab	82.81, -8.81, -10.85
CIELCh	83, 13.976, 230.921
Yxy	61.8081, 0.2787, 0.3122
Android (android.graphics.Color)	4289778914 (0xFFB0D4E2)
YUV	202.8320, 11.4218, -23.5317
Hunter-Lab	78.6181, -12.3066, -6.0475

Details

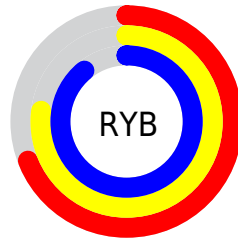
The Yxy color **61.8081, 0.2787, 0.3122** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1387, 0.3543, 0.3452**, and the grayscale version is **59.5502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **31.1918, 0.2697, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **56.2867, 0.2638, 0.3035**, and if you desaturate by 10%, it is **67.8974, 0.2940, 0.3202**.

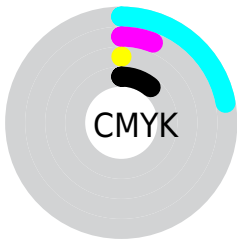
Distribution



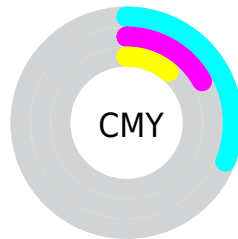
- Red (69%)
- Green (83%)
- Blue (89%)



- Red (69%)
- Yellow (77%)
- Blue (89%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8081, 0.2787, 0.3122 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 61.8081, 0.2787, 0.3122 by changing the saturation by 10% instead.

■ 61.8081, 0.2787,
0.3122

■ 61.8081, 0.2787,
0.3122

431.2308, 0.2947,
0.3204

■ 44.8777, 0.2750,
0.3102

■ 107.4481, 0.2843,
0.3151

■ 31.3611, 0.2703,
0.3077

136.9265, 0.2865,
0.3162

■ 20.8739, 0.2644,
0.3045

171.3563, 0.2883,
0.3172

■ 13.0319, 0.2565,
0.3001

211.1220, 0.2900,
0.3180

■ 7.4505, 0.2457,
0.2939

256.6078, 0.2914,
0.3187

■ 3.7454, 0.2298,
0.2843

308.1983, 0.2926,

■ 1.5322, 0.2043,

0.3193

0.2680

366.2778, 0.2937,
0.3199

0.3112, 0.0540,
0.2081

0.0000, 0.0000,
0.0000

61.8081, 0.2787,
0.3122

61.8081, 0.2787,
0.3122

56.2867, 0.2638,
0.3035

67.8974, 0.2940,
0.3202

51.3026, 0.2497,
0.2941

74.5686, 0.3094,
0.3275

46.8333, 0.2367,
0.2842

81.8446, 0.3247,
0.3341

42.8514, 0.2252,
0.2739

87.5181, 0.3318,
0.3402

■ 39.3265, 0.2154,
0.2633

■ 91.2580, 0.3311,
0.3464

■ 36.2238, 0.2075,
0.2527

■ 95.1287, 0.3303,
0.3524

■ 33.5016, 0.2017,
0.2421

■ 98.2725, 0.3297,
0.3571

■ 31.5763, 0.1983,
0.2339

Harmonies

Analogous

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



61.8081, 0.2836, 0.3275



61.8081, 0.2787, 0.3122



61.8081, 0.2826, 0.3020

Triad

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



61.8081, 0.2787, 0.3122



61.8081, 0.3291, 0.3147



61.8081, 0.3307, 0.3604

Complementary

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



61.8081, 0.2787, 0.3122



56.1387, 0.3543, 0.3452

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.



61.8081, 0.3435, 0.3558



61.8081, 0.2787, 0.3122



61.8081, 0.3427, 0.3293

Square

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



61.8081, 0.2787, 0.3122



61.8081, 0.3114, 0.3038



61.8081, 0.3480, 0.3443



61.8081, 0.3133, 0.3561

Rectangle

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



61.8081, 0.2787, 0.3122



61.8081, 0.2897, 0.2992



61.8081, 0.3480, 0.3443



61.8081, 0.3357, 0.3598

Sweetspot

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



61.8106, 0.2787, 0.3122



93.6203, 0.3019, 0.3240



67.3247, 0.3016, 0.3738



19.9248, 0.3009, 0.3236



0.0000, 0.0000, 0.0000



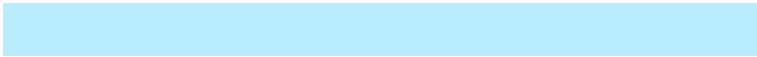
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8106, 0.2787, 0.3122



77.4999, 0.2711, 0.3079



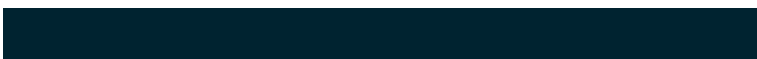
50.5443, 0.2765, 0.2820



14.8891, 0.2982, 0.3223



18.2196, 0.1988, 0.2355



1.4117, 0.2033, 0.2517

Inverse Universe

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



51.9730, 0.3266, 0.2888



62.4801, 0.3305, 0.2793



67.5784, 0.3486, 0.3719



13.8667, 0.3180, 0.3123



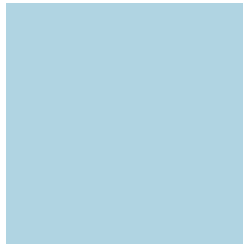
10.7473, 0.4069, 0.2015



0.7600, 0.3906, 0.1925

Previews

White Background



This preview shows how the Yxy color 61.8081, 0.2787, 0.3122 looks on a white background.

Color Contrast Check

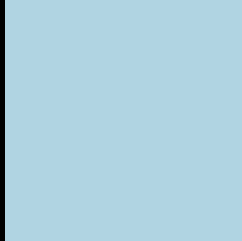
Large Text (above 18pt) WCAG AA × Fail

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 61.8081, 0.2787, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

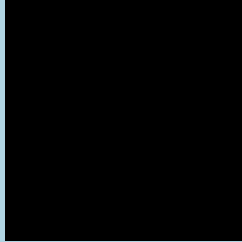
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8081, 0.2787, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 61.8081, 0.2787, 0.3122.

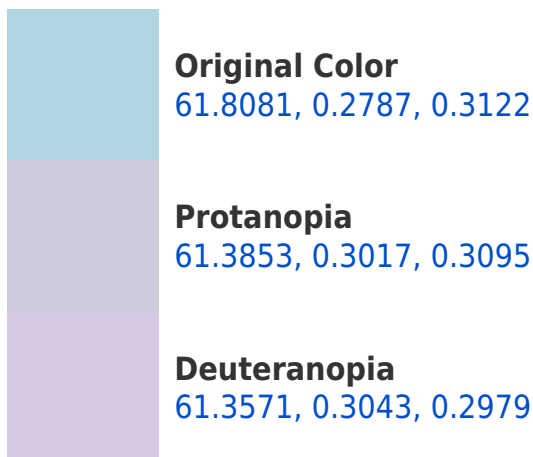


This preview shows how white text looks on a background with the Yxy color 61.8081, 0.2787, 0.3122.

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

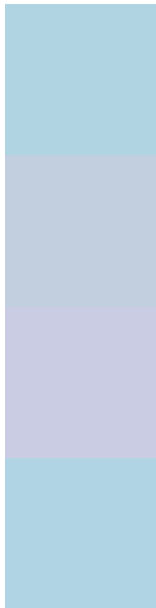




Tritanopia

61.9742, 0.2769, 0.3088

Trichromacy



Original Color

61.8081, 0.2787, 0.3122

Protanomaly

61.4227, 0.2924, 0.3103

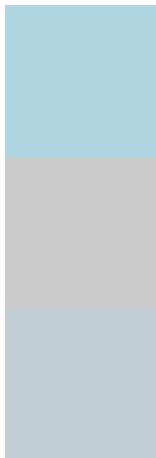
Deuteranomaly

61.1493, 0.2947, 0.3027

Tritanomaly

61.9185, 0.2775, 0.3099

Monochromacy



Original Color

61.8081, 0.2787, 0.3122

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1832, 0.2996, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8081, 0.2787, 0.3122 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(176, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(176, 212, 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(176, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 212, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.8081, 0.2787, 0.3122 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(176, 212, 226) }
```

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

```
.border{ border-color:rgb(176, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(176, 212,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8081, 0.2787, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 212, 226) }
```

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

```
.background{ background-color: rgb(176,  
212, 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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