

Converting Colors

$Yxy(61.4950, 0.2878, 0.3142)$

Have a look what the booklet for
Yxy(61.4950, 0.2878, 0.3142)
contains.

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Color

Yxy(61.3140, 0.2876, 0.3136)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BAD1DE |
| RGB | 186, 209, 222 |
| RGB Percent | 73%, 82%, 87% |
| CMY | 0.2707, 0.1804, 0.1294 |
| CMYK | 0.16, 0.06, 0.00, 0.13 |
| HSL | 202°, 35%, 80% |
| HSV | 202°, 16%, 87% |
| XYZ | 56.2306, 61.3140, 77.9720 |
| YIQ | 203.6050, -17.8810, -0.8330 |

Conversions

Conversions Part 2

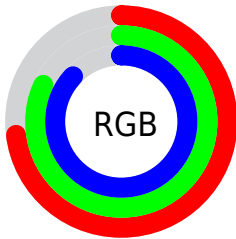
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 186, 200, 222 |
| Decimal | 12243422 |
| CIE Lab | 82.55, -5.03, -9.02 |
| CIE LCh | 83, 10.332, 240.855 |
| Yxy | 61.3140, 0.2876, 0.3136 |
| Android (android.graphics.Color) | 4290433502 (0xFFBAD1DE) |
| YUV | 203.6050, 9.0687, -15.4396 |
| Hunter-Lab | 78.3033, -8.8476, -4.2269 |

Details

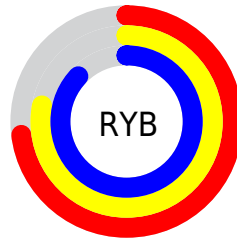
The Yxy color **61.3140, 0.2876, 0.3136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9035, 0.3410, 0.3439**, and the grayscale version is **60.0709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **31.1382, 0.2809, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **54.9197, 0.2720, 0.3028**, and if you desaturate by 10%, it is **68.3426, 0.3032, 0.3234**.

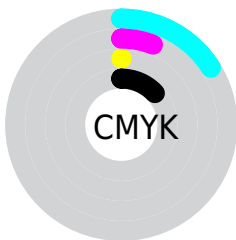
Distribution



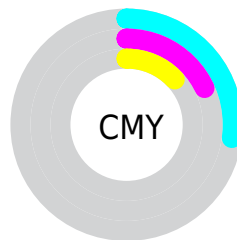
- Red (73%)
- Green (82%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3140, 0.2876, 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 61.3140, 0.2876, 0.3136 by changing the saturation by 10% instead.

■ 61.3140, 0.2876,
0.3136

■ 61.3140, 0.2876,
0.3136

429.4244, 0.2995,
0.3210

■ 44.4786, 0.2848,
0.3118

■ 106.7335, 0.2918,
0.3162

■ 31.0470, 0.2813,
0.3096

136.0863, 0.2934,
0.3172

■ 20.6346, 0.2769,
0.3067

170.3805, 0.2948,
0.3181

■ 12.8572, 0.2709,
0.3028

210.0003, 0.2960,
0.3189

■ 7.3303, 0.2627,
0.2973

255.3302, 0.2970,
0.3195

■ 3.6695, 0.2504,
0.2889

306.7546, 0.2979,

■ 1.4905, 0.2302,

0.3201

0.2745

364.6579, 0.2988,
0.3206

0.2820, 0.1064,
0.2066

0.0000, 0.0000,
0.0000

61.3140, 0.2876,
0.3136

61.3140, 0.2876,
0.3136

54.9197, 0.2720,
0.3028

68.3426, 0.3032,
0.3234

49.1294, 0.2568,
0.2911

76.0192, 0.3185,
0.3322

43.9211, 0.2422,
0.2785

84.3667, 0.3333,
0.3401

39.2685, 0.2287,
0.2653

89.4578, 0.3339,
0.3478

■ 35.1428, 0.2167,
0.2516

■ 94.3011, 0.3329,
0.3555

■ 31.5114, 0.2065,
0.2376

■ 98.0535, 0.3322,
0.3611

■ 28.3371, 0.1983,
0.2236

■ 25.5739, 0.1922,
0.2100

■ 24.6078, 0.1903,
0.2049

Harmonies

Analogous

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



61.3140, 0.2891, 0.3240



61.3140, 0.2876, 0.3136



61.3140, 0.2927, 0.3076

Triad

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



61.3140, 0.2876, 0.3136



61.3140, 0.3287, 0.3218



61.3140, 0.3220, 0.3518

Complementary

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



61.3140, 0.2876, 0.3136



59.9035, 0.3410, 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.



61.3140, 0.3330, 0.3507



61.3140, 0.2876, 0.3136



61.3140, 0.3369, 0.3332

Square

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



61.3140, 0.2876, 0.3136



61.3140, 0.3163, 0.3124



61.3140, 0.3385, 0.3438



61.3140, 0.3088, 0.3465

Rectangle

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



61.3140, 0.2876, 0.3136



61.3140, 0.2991, 0.3067



61.3140, 0.3385, 0.3438



61.3140, 0.3261, 0.3522

Sweetspot

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



61.3165, 0.2876, 0.3136



94.7637, 0.3050, 0.3245



66.7798, 0.3027, 0.3569



20.1297, 0.3039, 0.3238



0.0000, 0.0000, 0.0000



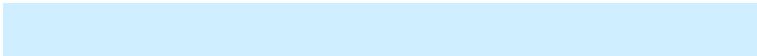
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3165, 0.2876, 0.3136



81.2982, 0.2830, 0.3105



53.1400, 0.2867, 0.2921



14.6977, 0.2981, 0.3203



14.8354, 0.1908, 0.2069



1.1962, 0.1966, 0.2278

Inverse Universe

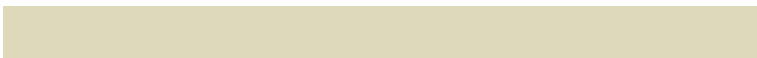
The Inverse Universe completely reimagines the original color for something new.



55.2430, 0.3247, 0.3030



71.8135, 0.3272, 0.2982



68.4879, 0.3379, 0.3634



13.8474, 0.3193, 0.3141



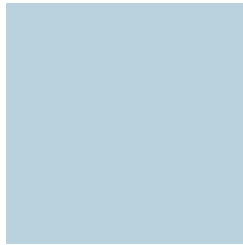
10.4057, 0.4376, 0.2184



0.7382, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 61.3140, 0.2876, 0.3136 looks on a white background.

Color Contrast Check

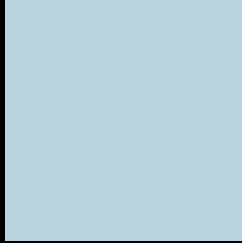
Large Text (above 18pt) WCAG AA × Fail

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 61.3140, 0.2876, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

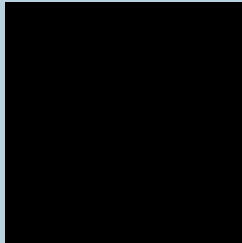
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

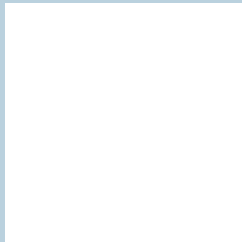
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3140, 0.2876, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 61.3140, 0.2876, 0.3136.

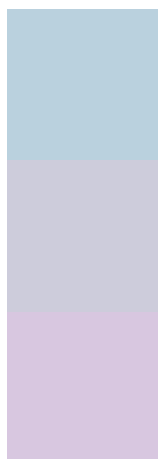


This preview shows how white text looks on a background with the Yxy color 61.3140, 0.2876, 0.3136.

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



Original Color

61.3140, 0.2876, 0.3136

Protanopia

61.2793, 0.3030, 0.3118

Deuteranopia

60.8276, 0.3079, 0.3011



Tritanopia

61.6020, 0.2864, 0.3102

Trichromacy



Original Color

61.3140, 0.2876, 0.3136

Protanomaly

61.3157, 0.2972, 0.3127

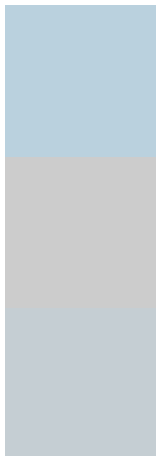
Deuteranomaly

61.0187, 0.3003, 0.3062

Tritanomaly

61.5475, 0.2870, 0.3113

Monochromacy



Original Color

61.3140, 0.2876, 0.3136

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7161, 0.3025, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3140, 0.2876, 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(186, 209, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 222)  
}
```

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(186, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 222) }
```

Border

The CSS property to change the border of an element to Yxy 61.3140, 0.2876, 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(186, 209, 222) }
```

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

```
.border{ border-color:rgb(186, 209, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3140, 0.2876, 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(186, 209, 222) }
```

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

```
.background{ background-color: rgb(186,  
209, 222) }
```

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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