

Converting Colors

$Yxy(62.2084, 0.2914, 0.3184)$

Have a look what the booklet for
Yxy(62.2084, 0.2914, 0.3184)
contains.

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Color

Yxy(62.0265, 0.2916, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	BDD2DB
RGB	189, 210, 219
RGB Percent	74%, 82%, 86%
CMY	0.2588, 0.1765, 0.1410
CMYK	0.14, 0.04, 0.00, 0.14
HSL	198°, 29%, 80%
HSV	198°, 14%, 86%
XYZ	56.8235, 62.0265, 76.0180
YIQ	204.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

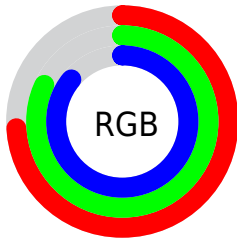
Format	Color
RYB	189, 201, 219
Decimal	12440283
CIELab	82.93, -5.20, -6.86
CIElCh	83, 8.609, 232.837
Yxy	62.0265, 0.2916, 0.3183
Android (android.graphics.Color)	4290630363 (0xFFBDD2DB)
YUV	204.7470, 7.0267, -13.8101
Hunter-Lab	78.7569, -9.0359, -2.0983

Details

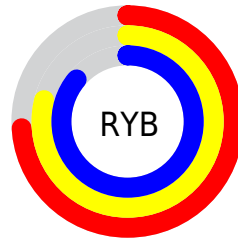
The Yxy color **62.0265, 0.2916, 0.3183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1473, 0.3364, 0.3395**, and the grayscale version is **60.8463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **31.6082, 0.2861, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **56.2485, 0.2763, 0.3096**, and if you desaturate by 10%, it is **68.3667, 0.3070, 0.3263**.

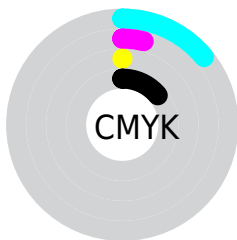
Distribution



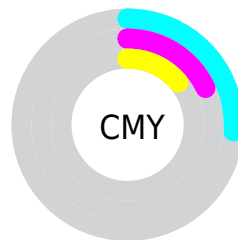
- Red (74%)
- Green (82%)
- Blue (86%)



- Red (74%)
- Yellow (79%)
- Blue (86%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0265, 0.2916, 0.3183 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 62.0265, 0.2916, 0.3183 by changing the saturation by 10% instead.

■ 62.0265, 0.2916,
0.3183

■ 62.0265, 0.2916,
0.3183

432.0277, 0.3016,
0.3235

■ 45.0541, 0.2893,
0.3171

■ 107.7638, 0.2951,
0.3201

■ 31.5001, 0.2863,
0.3155

137.2976, 0.2965,
0.3208

■ 20.9799, 0.2826,
0.3135

171.7872, 0.2976,
0.3214

■ 13.1093, 0.2776,
0.3108

211.6171, 0.2986,
0.3220

■ 7.5039, 0.2706,
0.3069

257.1718, 0.2995,
0.3224

■ 3.7792, 0.2603,
0.3009

308.8355, 0.3003,

■ 1.5508, 0.2432,

0.3228

0.2908

366.9927, 0.3010,
0.3232

0.3241, 0.1354,
0.2423

0.0000, 0.0000,
0.0000

62.0265, 0.2916,
0.3183

62.0265, 0.2916,
0.3183

56.2485, 0.2763,
0.3096

68.3667, 0.3070,
0.3263

51.0045, 0.2614,
0.3001

75.2806, 0.3223,
0.3334

46.2750, 0.2472,
0.2899

82.7891, 0.3372,
0.3398

42.0364, 0.2342,
0.2791

86.5756, 0.3365,
0.3463

■ 38.2626, 0.2226,
0.2679

■ 90.4488, 0.3356,
0.3527

■ 34.9245, 0.2128,
0.2565

■ 94.4636, 0.3347,
0.3589

■ 31.9888, 0.2050,
0.2450

■ 97.8963, 0.3339,
0.3641

■ 29.4153, 0.1992,
0.2337

■ 27.9412, 0.1963,
0.2266

Harmonies

Analogous

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



62.0265, 0.2943, 0.3276



62.0265, 0.2916, 0.3183



62.0265, 0.2944, 0.3121

Triad

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



62.0265, 0.2916, 0.3183



62.0265, 0.3235, 0.3207



62.0265, 0.3232, 0.3482

Complementary

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



62.0265, 0.2916, 0.3183



59.1473, 0.3364, 0.3395

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.



62.0265, 0.3313, 0.3459



62.0265, 0.2916, 0.3183



62.0265, 0.3315, 0.3300

Square

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



62.0265, 0.2916, 0.3183



62.0265, 0.3127, 0.3136



62.0265, 0.3343, 0.3392



62.0265, 0.3124, 0.3451

Rectangle

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



62.0265, 0.2916, 0.3183



62.0265, 0.2991, 0.3105



62.0265, 0.3343, 0.3392



62.0265, 0.3263, 0.3480

Sweetspot

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



62.0291, 0.2916, 0.3183



96.1740, 0.3065, 0.3260



65.5787, 0.3052, 0.3541



20.4343, 0.3054, 0.3254



0.0000, 0.0000, 0.0000



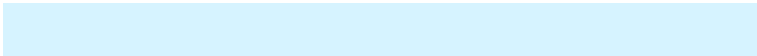
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0291, 0.2916, 0.3183



85.4822, 0.2879, 0.3163



54.9720, 0.2911, 0.3002



14.1336, 0.2982, 0.3218



16.7624, 0.1968, 0.2283



1.2343, 0.2019, 0.2467

Inverse Universe

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



56.1169, 0.3212, 0.3052



75.9088, 0.3229, 0.3008



66.3430, 0.3341, 0.3562



13.2046, 0.3183, 0.3128



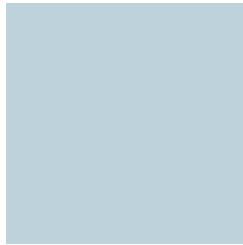
10.3159, 0.4144, 0.2057



0.6833, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 62.0265, 0.2916, 0.3183 looks on a white background.

Color Contrast Check

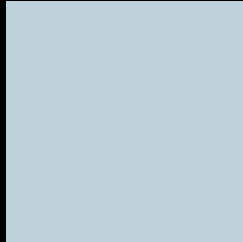
Large Text (above 18pt) WCAG AA × Fail

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 62.0265, 0.2916, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

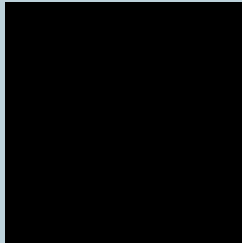
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

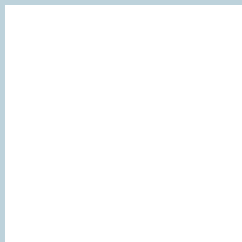
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0265, 0.2916, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 62.0265, 0.2916, 0.3183.



This preview shows how white text looks on a background with the Yxy color 62.0265, 0.2916, 0.3183.

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

62.0265, 0.2916, 0.3183

Protanopia

61.8859, 0.3065, 0.3164

Deuteranopia

61.5891, 0.3123, 0.3057



Tritanopia

62.0391, 0.2878, 0.3091

Trichromacy



Original Color

62.0265, 0.2916, 0.3183

Protanomaly

61.9148, 0.3007, 0.3174

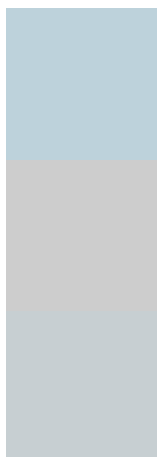
Deuteranomaly

61.7629, 0.3046, 0.3108

Tritanomaly

61.8758, 0.2897, 0.3126

Monochromacy



Original Color

62.0265, 0.2916, 0.3183

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4209, 0.3047, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0265, 0.2916, 0.3183 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(189, 210, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 210, 219)  
}
```

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(189, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 210, 219) }
```

Border

The CSS property to change the border of an element to Yxy 62.0265, 0.2916, 0.3183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

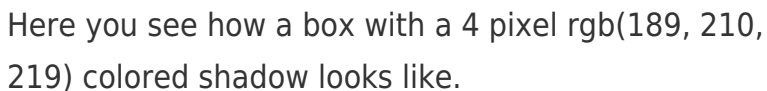
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 210, 219) }
```

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

```
.border{ border-color:rgb(189, 210, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 210, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 210, 219); box-shadow:4px 4px 4px 4px rgb(189, 210, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0265, 0.2916, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 210, 219) }
```

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

```
.background{ background-color: rgb(189,  
210, 219) }
```

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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