

Converting Colors

$Yxy(61.9869, 0.2975, 0.3316)$

Have a look what the booklet for
Yxy(61.9869, 0.2975, 0.3316)
contains.

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Color

Yxy(61.8833, 0.2974, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	BCD3D1
RGB	188, 211, 209
RGB Percent	74%, 83%, 82%
CMY	0.2626, 0.1726, 0.1803
CMYK	0.11, 0.00, 0.01, 0.17
HSL	175°, 21%, 78%
HSV	175°, 11%, 83%
XYZ	55.5511, 61.8833, 69.3549
YIQ	203.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

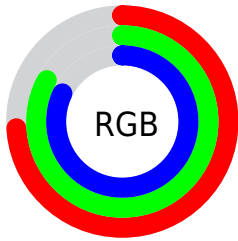
Format	Color
RYB	188, 200, 211
Decimal	12374993
CIELab	82.85, -8.04, -1.65
CIELCh	83, 8.207, 191.589
Yxy	61.8833, 0.2974, 0.3313
Android (android.graphics.Color)	4290565073 (0xFFBCD3D1)
YUV	203.8950, 2.5168, -13.9399
Hunter-Lab	78.6659, -11.6149, 2.7938

Details

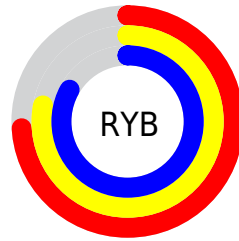
The Yxy color **61.8833, 0.2974, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5486, 0.3304, 0.3267**, and the grayscale version is **60.3097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **31.2944, 0.2936, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **59.3095, 0.2841, 0.3336**, and if you desaturate by 10%, it is **64.8551, 0.3115, 0.3292**.

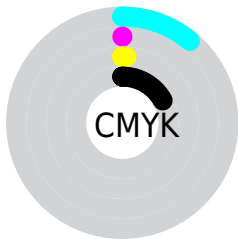
Distribution



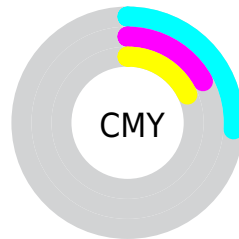
- Red (74%)
- Green (83%)
- Blue (82%)



- Red (74%)
- Yellow (78%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (26%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8833, 0.2974, 0.3313 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 61.8833, 0.2974, 0.3313 by changing the saturation by 10% instead.

■ 61.8833, 0.2974,
0.3313

■ 61.8833, 0.2974,
0.3313

431.5053, 0.3047,
0.3302

■ 44.9384, 0.2957,
0.3315

■ 107.5568, 0.3000,
0.3309

■ 31.4089, 0.2935,
0.3318

137.0543, 0.3010,
0.3308

■ 20.9104, 0.2908,
0.3322

171.5047, 0.3018,
0.3307

■ 13.0585, 0.2871,
0.3327

211.2925, 0.3025,
0.3306

■ 7.4689, 0.2819,
0.3334

256.8021, 0.3032,
0.3305

■ 3.7570, 0.2741,
0.3343

308.4178, 0.3037,

■ 1.5386, 0.2611,

0.3304

366.5241, 0.3042,
0.3303

0.3357

0.3157, 0.1181,
0.3594

0.0000, 0.0000,
0.0000

61.8833, 0.2974,
0.3313

61.8833, 0.2974,
0.3313

59.3095, 0.2841,
0.3336

64.8551, 0.3115,
0.3292

57.1089, 0.2718,
0.3361


68.2330, 0.3260,
0.3273


55.2661, 0.2609,
0.3388


72.0345, 0.3407,
0.3255

53.7613, 0.2516,
0.3416

72.8159, 0.3422,
0.3238


 52.5729, 0.2440,
0.3444

 72.9100, 0.3408,
0.3219


 51.6768, 0.2383,
0.3473


 73.0052, 0.3395,
0.3201


 51.0457, 0.2346,
0.3503

 73.1014, 0.3382,
0.3183

 50.6465, 0.2327,
0.3532

 73.1986, 0.3369,
0.3165

 50.4317, 0.2322,
0.3558

 73.2969, 0.3356,
0.3147

Harmonies

Analogous

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



61.8833, 0.3060, 0.3402



61.8833, 0.2974, 0.3313



61.8833, 0.2929, 0.3219

Triad

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



61.8833, 0.2974, 0.3313



61.8833, 0.3087, 0.3127



61.8833, 0.3321, 0.3431

Complementary

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



61.8833, 0.2974, 0.3313



53.5486, 0.3304, 0.3267

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.



61.8833, 0.3329, 0.3356



61.8833, 0.2974, 0.3313



61.8833, 0.3193, 0.3182

Square

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



61.8833, 0.2974, 0.3313



61.8833, 0.2994, 0.3113



61.8833, 0.3282, 0.3265



61.8833, 0.3261, 0.3471

Rectangle

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



61.8833, 0.2974, 0.3313



61.8833, 0.2928, 0.3167



61.8833, 0.3282, 0.3265



61.8833, 0.3330, 0.3409

Sweetspot

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



61.8859, 0.2974, 0.3313



98.5357, 0.3084, 0.3296



61.2076, 0.3131, 0.3569



21.0090, 0.3072, 0.3298



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.



61.8859, 0.2974, 0.3313



94.0644, 0.2943, 0.3318



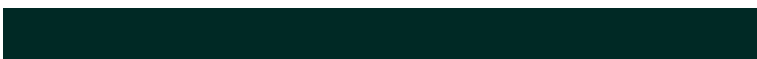
57.5514, 0.2960, 0.3179



13.3889, 0.2994, 0.3310



30.4455, 0.2320, 0.3553



1.7076, 0.2306, 0.3500

Inverse Universe

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



53.5486, 0.3304, 0.3267



78.8422, 0.3346, 0.3262



57.5129, 0.3307, 0.3399



11.8244, 0.3277, 0.3270



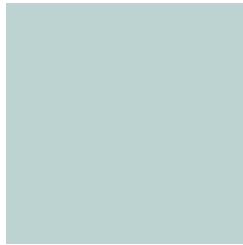
8.3906, 0.6297, 0.3243



0.4750, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 61.8833, 0.2974, 0.3313 looks on a white background.

Color Contrast Check

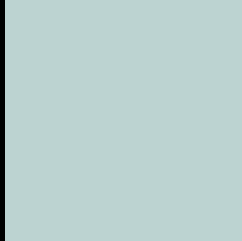
Large Text (above 18pt) WCAG AA × Fail

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 61.8833, 0.2974, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

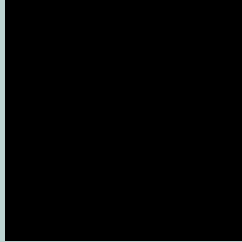
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

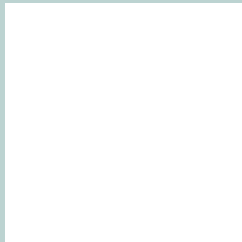
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8833, 0.2974, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 61.8833, 0.2974, 0.3313.

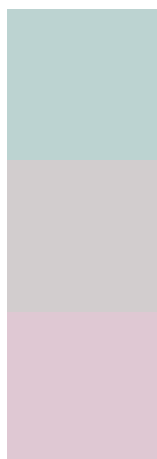


This preview shows how white text looks on a background with the Yxy color 61.8833, 0.2974, 0.3313.

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

61.8833, 0.2974, 0.3313

Protanopia

61.8205, 0.3158, 0.3279

Deuteranopia

61.6997, 0.3227, 0.3168



Tritanopia

62.1135, 0.2891, 0.3103

Trichromacy



Original Color

61.8833, 0.2974, 0.3313

Protanomaly

61.6872, 0.3090, 0.3290

Deuteranomaly

61.5405, 0.3130, 0.3221

Tritanomaly

62.1548, 0.2923, 0.3184

Monochromacy



Original Color

61.8833, 0.2974, 0.3313

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0876, 0.3067, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8833, 0.2974, 0.3313 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(188, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 211, 209)  
}
```

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(188, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 211, 209) }
```

Border

The CSS property to change the border of an element to Yxy 61.8833, 0.2974, 0.3313 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(188, 211, 209) }
```

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

```
.border{ border-color:rgb(188, 211, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(188, 211,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8833, 0.2974, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 211, 209) }
```

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

```
.background{ background-color: rgb(188,  
211, 209) }
```

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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