

Converting Colors

Yxy(61.0005, 0.2897, 0.3323)

Have a look what the booklet for
Yxy(61.0005, 0.2897, 0.3323)
contains.

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Color

Yxy(61.0375, 0.2898, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	B1D4D1
RGB	177, 212, 209
RGB Percent	69%, 83%, 82%
CMY	0.3059, 0.1686, 0.1804
CMYK	0.17, 0.00, 0.01, 0.17
HSL	175°, 29%, 76%
HSV	175°, 17%, 83%
XYZ	53.1830, 61.0375, 69.2957
YIQ	201.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

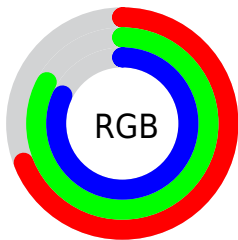
Format	Color
R _{YB}	177, 195, 212
Decimal	11654353
CIE Lab	82.40, -12.12, -2.38
CIE LCh	82, 12.348, 191.112
Yxy	61.0375, 0.2898, 0.3326
Android (android.graphics.Color)	4289844433 (0xFFB1D4D1)
YUV	201.1930, 3.8489, -21.2173
Hunter-Lab	78.1265, -15.2112, 2.1002

Details

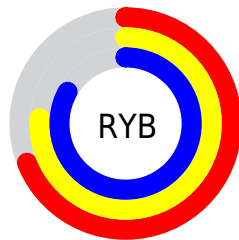
The Yxy color **61.0375, 0.2898, 0.3326** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.7389, 0.3413, 0.3255**, and the grayscale version is **58.5208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **30.7656, 0.2838, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **58.6510, 0.2771, 0.3350**, and if you desaturate by 10%, it is **63.8168, 0.3035, 0.3304**.

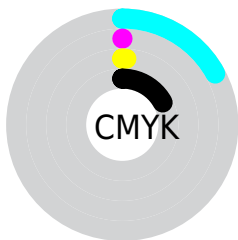
Distribution



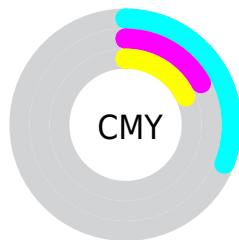
- Red (69%)
- Green (83%)
- Blue (82%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



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





- Cyan (31%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0375, 0.2898, 0.3326 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 61.0375, 0.2898, 0.3326 by changing the saturation by 10% instead.


 61.0375, 0.2898,
0.3326

 61.0375, 0.2898,
0.3326

428.4115, 0.3007,
0.3310

 44.2554, 0.2872,
0.3330


 106.3332, 0.2936,
0.3320

 30.8714, 0.2840,
0.3334


135.6157, 0.2951,
0.3318

 20.5009, 0.2799,
0.3340


169.8337, 0.2964,
0.3316

 12.7597, 0.2744,
0.3347

209.3717, 0.2975,
0.3315

 7.2633, 0.2666,
0.3357

254.6141, 0.2984,
0.3313

 3.6273, 0.2550,
0.3370

305.9453, 0.2993,

 1.4673, 0.2356,

0.3312

0.3389

363.7496, 0.3000,
0.3311

0.2656, 0.0000,
0.3683

0.0000, 0.0000,
0.0000

61.0375, 0.2898,
0.3326

61.0375, 0.2898,
0.3326

58.6510, 0.2771,
0.3350

63.8168, 0.3035,
0.3304

56.6320, 0.2655,
0.3376


66.9980, 0.3178,
0.3283

54.9637, 0.2554,
0.3404

70.5994, 0.3324,
0.3265


53.6253, 0.2471,
0.3432


73.3222, 0.3420,
0.3247


 52.5935, 0.2406,
0.3461

 73.4171, 0.3407,
0.3229

 51.8423, 0.2360,
0.3491

 73.5132, 0.3393,
0.3211

 51.3410, 0.2333,
0.3520

 73.6103, 0.3380,
0.3192

 51.0507, 0.2323,
0.3549

 73.7084, 0.3367,
0.3174

 50.9743, 0.2322,
0.3559

 73.8077, 0.3354,
0.3156

Harmonies

Analogous

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



61.0375, 0.3027, 0.3463



61.0375, 0.2898, 0.3326



61.0375, 0.2830, 0.3183

Triad

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



61.0375, 0.2898, 0.3326



61.0375, 0.3064, 0.3045



61.0375, 0.3422, 0.3501

Complementary

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



61.0375, 0.2898, 0.3326



48.7389, 0.3413, 0.3255

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.



61.0375, 0.3434, 0.3385



61.0375, 0.2898, 0.3326



61.0375, 0.3224, 0.3126

Square

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



61.0375, 0.2898, 0.3326



61.0375, 0.2924, 0.3025



61.0375, 0.3360, 0.3249



61.0375, 0.3330, 0.3563

Rectangle

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



61.0375, 0.2898, 0.3326



61.0375, 0.2828, 0.3104



61.0375, 0.3360, 0.3249



61.0375, 0.3436, 0.3466

Sweetspot

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



61.0400, 0.2898, 0.3326



97.5911, 0.3055, 0.3300



60.0276, 0.3132, 0.3729



20.8188, 0.3045, 0.3302



0.0000, 0.0000, 0.0000



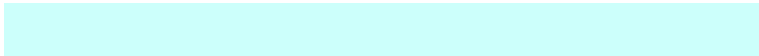
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0400, 0.2898, 0.3326



91.2981, 0.2850, 0.3335



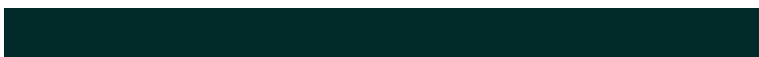
54.4911, 0.2871, 0.3116



14.0886, 0.2994, 0.3310



31.4748, 0.2321, 0.3555



1.9040, 0.2307, 0.3505

Inverse Universe

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



48.7389, 0.3413, 0.3255



69.0188, 0.3493, 0.3246



54.4353, 0.3412, 0.3458



12.4380, 0.3278, 0.3270



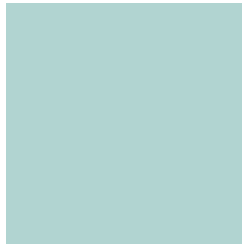
8.6747, 0.6298, 0.3243



0.5294, 0.6012, 0.3085

Previews

White Background



This preview shows how the Yxy color 61.0375, 0.2898, 0.3326 looks on a white background.

Color Contrast Check

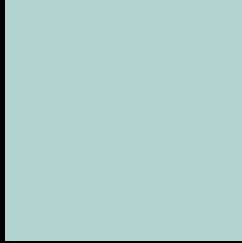
Large Text (above 18pt) WCAG AA × Fail

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 61.0375, 0.2898, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

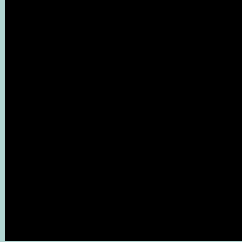
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

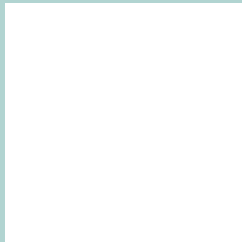
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0375, 0.2898, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 61.0375, 0.2898, 0.3326.

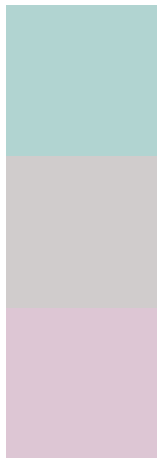


This preview shows how white text looks on a background with the Yxy color 61.0375, 0.2898, 0.3326.

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

61.0375, 0.2898, 0.3326

Protanopia

60.9553, 0.3158, 0.3290

Deuteranopia

60.5138, 0.3205, 0.3134



Tritanopia

60.7952, 0.2811, 0.3087

Trichromacy



Original Color

61.0375, 0.2898, 0.3326

Protanomaly

60.9522, 0.3059, 0.3302

Deuteranomaly

60.3942, 0.3086, 0.3197

Tritanomaly

60.8442, 0.2842, 0.3169

Monochromacy



Original Color

61.0375, 0.2898, 0.3326

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2287, 0.3036, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0375, 0.2898, 0.3326 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(177, 212, 209)` looks like.

```
.text, #text, p{  
    color:rgb(177, 212, 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(177, 212, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 212, 209) }
```

Border

The CSS property to change the border of an element to Yxy 61.0375, 0.2898, 0.3326 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(177, 212, 209) }
```

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

```
.border{ border-color:rgb(177, 212, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 212, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 212, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 212, 209);  
box-shadow:4px 4px 4px 4px rgb(177, 212,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0375, 0.2898, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 212, 209) }
```

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

```
.background{ background-color: rgb(177,  
212, 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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