

Converting Colors

$Yxy(60.8129, 0.2922, 0.3358)$

Have a look what the booklet for
Yxy(60.8129, 0.2922, 0.3358)
contains.

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Color

Yxy(61.0082, 0.2924, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	B2D4CE
RGB	178, 212, 206
RGB Percent	70%, 83%, 81%
CMY	0.3019, 0.1686, 0.1922
CMYK	0.16, 0.00, 0.03, 0.17
HSL	169°, 28%, 76%
HSV	169°, 16%, 83%
XYZ	53.0443, 61.0082, 67.3576
YIQ	201.1500, -18.3380, -9.0740

Conversions

Conversions Part 2

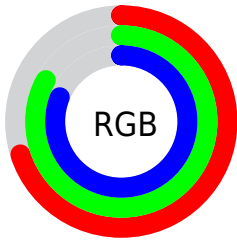
Format	Color
RYB	178, 197, 212
Decimal	11719886
CIELab	82.38, -12.41, -0.79
CIELCh	82, 12.432, 183.634
Yxy	61.0082, 0.2924, 0.3363
Android (android.graphics.Color)	4289909966 (0xFFB2D4CE)
YUV	201.1500, 2.3910, -20.3026
Hunter-Lab	78.1077, -15.4662, 3.5457

Details

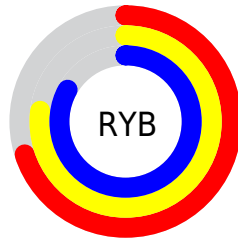
The Yxy color **61.0082, 0.2924, 0.3363** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.3072, 0.3377, 0.3218**, and the grayscale version is **58.5021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **30.7409, 0.2871, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **58.5129, 0.2807, 0.3414**, and if you desaturate by 10%, it is **63.9005, 0.3049, 0.3316**.

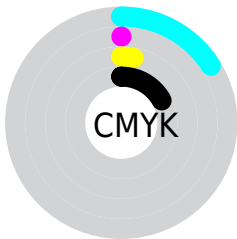
Distribution



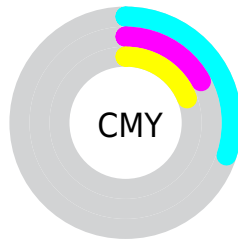
- Red (70%)
- Green (83%)
- Blue (81%)



- Red (70%)
- Yellow (77%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)




- Cyan (30%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0082, 0.2924, 0.3363 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 61.0082, 0.2924, 0.3363 by changing the saturation by 10% instead.

 61.0082, 0.2924,
0.3363

 61.0082, 0.2924,
0.3363


428.3041, 0.3021,
0.3329

 44.2318, 0.2901,
0.3371

 106.2908, 0.2958,
0.3351

 30.8528, 0.2873,
0.3381

135.5658, 0.2971,
0.3346

 20.4868, 0.2836,
0.3394


169.7758, 0.2983,
0.3342

 12.7494, 0.2786,
0.3411

209.3051, 0.2992,
0.3339

 7.2562, 0.2717,
0.3436

254.5382, 0.3001,
0.3336

 3.6228, 0.2612,
0.3472

305.8595, 0.3008,

 1.4649, 0.2435,

0.3333

363.6533, 0.3015,
0.3331

0.3531

0.2638, 0.0000,
0.4352

0.0000, 0.0000,
0.0000

61.0082, 0.2924,
0.3363

61.0082, 0.2924,
0.3363

58.5129, 0.2807,
0.3414

63.9005, 0.3049,
0.3316

56.3893, 0.2700,
0.3469

67.1987, 0.3179,
0.3274

54.6207, 0.2606,
0.3527

70.9212, 0.3312,
0.3236

53.1862, 0.2529,
0.3589

73.5698, 0.3385,
0.3200

■ 52.0628, 0.2469,
0.3651

■ 73.7724, 0.3358,
0.3162

■ 51.2244, 0.2429,
0.3715

■ 73.9796, 0.3331,
0.3125

■ 50.6407, 0.2409,
0.3779

■ 74.1913, 0.3304,
0.3088

■ 50.2740, 0.2406,
0.3843

■ 74.4075, 0.3277,
0.3051

■ 50.1610, 0.2408,
0.3868

■ 74.6284, 0.3251,
0.3015

Harmonies

Analogous

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



61.0082, 0.3065, 0.3492



61.0082, 0.2924, 0.3363



61.0082, 0.2838, 0.3216

Triad

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



61.0082, 0.2924, 0.3363



61.0082, 0.3025, 0.3032



61.0082, 0.3435, 0.3477

Complementary

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



61.0082, 0.2924, 0.3363



49.3072, 0.3377, 0.3218

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.



61.0082, 0.3425, 0.3352



61.0082, 0.2924, 0.3363



61.0082, 0.3185, 0.3100

Square

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



61.0082, 0.2924, 0.3363



61.0082, 0.2895, 0.3029



61.0082, 0.3332, 0.3215



61.0082, 0.3361, 0.3556

Rectangle

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



61.0082, 0.2924, 0.3363



61.0082, 0.2822, 0.3130



61.0082, 0.3332, 0.3215



61.0082, 0.3442, 0.3439

Sweetspot

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



61.0107, 0.2924, 0.3363



97.5168, 0.3062, 0.3312



60.5246, 0.3153, 0.3712



20.8006, 0.3053, 0.3315



0.0000, 0.0000, 0.0000



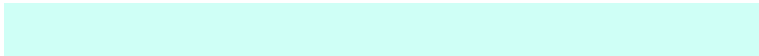
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0107, 0.2924, 0.3363



91.3997, 0.2886, 0.3379



56.1062, 0.2880, 0.3157



14.0683, 0.3006, 0.3332



30.9792, 0.2405, 0.3859



1.8786, 0.2375, 0.3749

Inverse Universe

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



49.3072, 0.3377, 0.3218



70.5814, 0.3437, 0.3204



53.5126, 0.3408, 0.3419



12.4564, 0.3263, 0.3249



8.7363, 0.6121, 0.3145



0.5380, 0.5661, 0.2892

Previews

White Background



This preview shows how the Yxy color 61.0082, 0.2924, 0.3363 looks on a white background.

Color Contrast Check

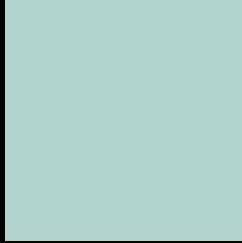
Large Text (above 18pt) WCAG AA × Fail

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 61.0082, 0.2924, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

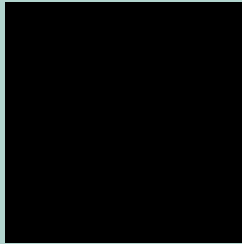
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

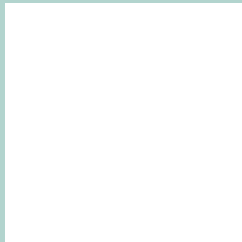
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0082, 0.2924, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 61.0082, 0.2924, 0.3363.



This preview shows how white text looks on a background with the Yxy color 61.0082, 0.2924, 0.3363.

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

61.0082, 0.2924, 0.3363

Protanopia

60.9581, 0.3187, 0.3325

Deuteranopia

60.5212, 0.3235, 0.3167



Tritanopia

61.0370, 0.2824, 0.3088

Trichromacy



Original Color

61.0082, 0.2924, 0.3363

Protanomaly

60.9432, 0.3087, 0.3337

Deuteranomaly

60.3877, 0.3115, 0.3232

Tritanomaly

61.0314, 0.2861, 0.3182

Monochromacy



Original Color

61.0082, 0.2924, 0.3363

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.3119, 0.3051, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0082, 0.2924, 0.3363 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(178, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 206)  
}
```

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(178, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 206) }
```

Border

The CSS property to change the border of an element to Yxy 61.0082, 0.2924, 0.3363 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(178, 212, 206) }
```

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

```
.border{ border-color:rgb(178, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0082, 0.2924, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 206) }
```

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

```
.background{ background-color: rgb(178,  
212, 206) }
```

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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