

Converting Colors

Yxy(60.8162, 0.2949, 0.3412)

Have a look what the booklet for
Yxy(60.8162, 0.2949, 0.3412)
contains.

Yxy(60.8162, 0.2949, 0.3412)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8162, 0.2949, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	B2D4CA
RGB	178, 212, 202
RGB Percent	70%, 83%, 79%
CMY	0.3020, 0.1686, 0.2077
CMYK	0.16, 0.00, 0.05, 0.17
HSL	162°, 28%, 76%
HSV	162°, 16%, 83%
XYZ	52.5636, 60.8162, 64.8623
YIQ	200.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

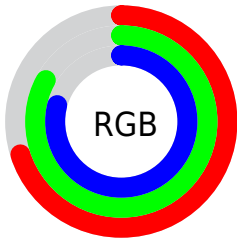
Format	Color
RYB	178, 198, 212
Decimal	11719882
CIELab	82.28, -13.21, 1.16
CIELCh	82, 13.260, 174.961
Yxy	60.8162, 0.2949, 0.3412
Android (android.graphics.Color)	4289909962 (0xFFB2D4CA)
YUV	200.6940, 0.6439, -19.9026
Hunter-Lab	77.9847, -16.1600, 5.2760

Details

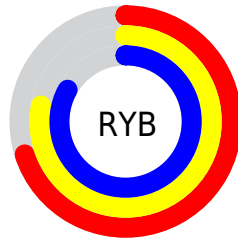
The Yxy color **60.8162, 0.2949, 0.3412** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4611, 0.3343, 0.3171**, and the grayscale version is **58.2136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **30.6120, 0.2904, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **58.2133, 0.2845, 0.3498**, and if you desaturate by 10%, it is **63.8236, 0.3059, 0.3334**.

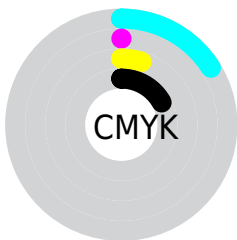
Distribution



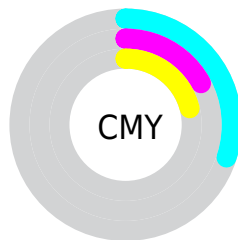
- Red (70%)
- Green (83%)
- Blue (79%)



- Red (70%)
- Yellow (78%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)




- Cyan (30%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8162, 0.2949, 0.3412 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 60.8162, 0.2949, 0.3412 by changing the saturation by 10% instead.

 60.8162, 0.2949,
0.3412

 60.8162, 0.2949,
0.3412

427.5998, 0.3034,
0.3353

 44.0769, 0.2929,
0.3426


 106.0128, 0.2979,
0.3391

 30.7309, 0.2903,
0.3443


135.2388, 0.2991,
0.3383

 20.3940, 0.2871,
0.3466


169.3958, 0.3001,
0.3377

 12.6818, 0.2826,
0.3497

208.8682, 0.3009,
0.3371

 7.2098, 0.2764,
0.3540

254.0404, 0.3017,
0.3366

 3.5937, 0.2669,
0.3607

305.2968, 0.3023,

 1.4490, 0.2508,

0.3361

0.3722

363.0218, 0.3029,
0.3357

0.2524, 0.0000,
0.5662

0.0000, 0.0000,
0.0000

60.8162, 0.2949,
0.3412

60.8162, 0.2949,
0.3412

58.2133, 0.2845,
0.3498

63.8236, 0.3059,
0.3334

55.9894, 0.2751,
0.3591

67.2446, 0.3172,
0.3263

54.1278, 0.2668,
0.3691

71.0975, 0.3287,
0.3200

52.6074, 0.2600,
0.3796

73.8906, 0.3343,
0.3141

■ 51.4052, 0.2550,
0.3906

■ 74.2399, 0.3298,
0.3080

■ 50.4949, 0.2519,
0.4017

■ 74.6018, 0.3254,
0.3019

■ 49.8460, 0.2508,
0.4129

■ 74.9763, 0.3211,
0.2960

■ 49.4208, 0.2517,
0.4239

■ 75.3637, 0.3169,
0.2901

■ 49.2868, 0.2523,
0.4282

■ 75.5702, 0.3147,
0.2871

Harmonies

Analogous

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



60.8162, 0.3109, 0.3536



60.8162, 0.2949, 0.3412



60.8162, 0.2838, 0.3255

Triad

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



60.8162, 0.2949, 0.3412



60.8162, 0.2972, 0.3007



60.8162, 0.3463, 0.3454

Complementary

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



60.8162, 0.2949, 0.3412



49.4611, 0.3343, 0.3171

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.



60.8162, 0.3425, 0.3313



60.8162, 0.2949, 0.3412



60.8162, 0.3138, 0.3060

Square

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



60.8162, 0.2949, 0.3412



60.8162, 0.2851, 0.3024



60.8162, 0.3305, 0.3171



60.8162, 0.3408, 0.3556

Rectangle

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



60.8162, 0.2949, 0.3412



60.8162, 0.2805, 0.3156



60.8162, 0.3305, 0.3171



60.8162, 0.3461, 0.3409

Sweetspot

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



60.8187, 0.2949, 0.3412



97.4230, 0.3070, 0.3326



61.0193, 0.3183, 0.3709



20.7778, 0.3062, 0.3332



0.0000, 0.0000, 0.0000



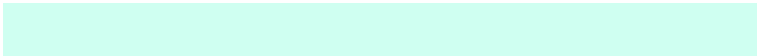
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8187, 0.2949, 0.3412



91.0591, 0.2916, 0.3438



57.9759, 0.2882, 0.3206



14.0429, 0.3021, 0.3359



30.4435, 0.2519, 0.4267



1.8503, 0.2466, 0.4076

Inverse Universe

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



49.4611, 0.3343, 0.3171



70.8755, 0.3395, 0.3147



51.8208, 0.3416, 0.3372



12.4801, 0.3245, 0.3222



8.8723, 0.5772, 0.2953



0.5495, 0.5273, 0.2679

Previews

White Background



This preview shows how the Yxy color 60.8162, 0.2949, 0.3412 looks on a white background.

Color Contrast Check

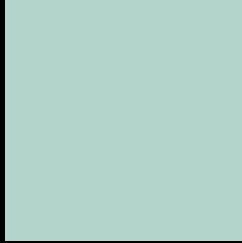
Large Text (above 18pt) WCAG AA × Fail

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 60.8162, 0.2949, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

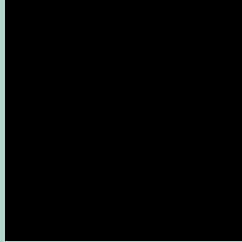
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

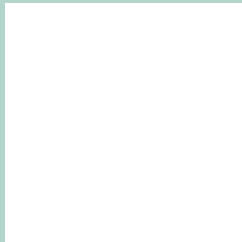
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8162, 0.2949, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 60.8162, 0.2949, 0.3412.

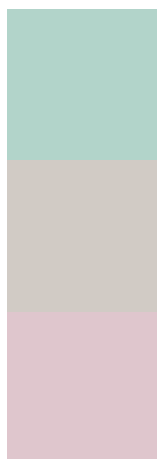


This preview shows how white text looks on a background with the Yxy color 60.8162, 0.2949, 0.3412.

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

60.8162, 0.2949, 0.3412

Protanopia

60.2984, 0.3217, 0.3360

Deuteranopia

60.4839, 0.3274, 0.3212



Tritanopia

60.9823, 0.2830, 0.3100

Trichromacy



Original Color

60.8162, 0.2949, 0.3412

Protanomaly

60.2719, 0.3116, 0.3373

Deuteranomaly

60.3369, 0.3151, 0.3278

Tritanomaly

60.9267, 0.2874, 0.3205

Monochromacy



Original Color

60.8162, 0.2949, 0.3412

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2171, 0.3065, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8162, 0.2949, 0.3412 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.8162, 0.2949, 0.3412 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, 202) }
```

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

```
.border{ border-color:rgb(178, 212, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8162, 0.2949, 0.3412 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, 202) }
```

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

```
.background{ background-color: rgb(178,  
212, 202) }
```

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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