

Converting Colors

$Yxy(62.1629, 0.2911, 0.3447)$

Have a look what the booklet for
Yxy(62.1629, 0.2911, 0.3447)
contains.

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Color

Yxy(62.3078, 0.2910, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	ADD8CB
RGB	173, 216, 203
RGB Percent	68%, 85%, 80%
CMY	0.3216, 0.1529, 0.2038
CMYK	0.20, 0.00, 0.06, 0.15
HSL	162°, 36%, 76%
HSV	162°, 20%, 85%
XYZ	52.5705, 62.3078, 65.7764
YIQ	201.6610, -21.4550, -13.1590

Conversions

Conversions Part 2

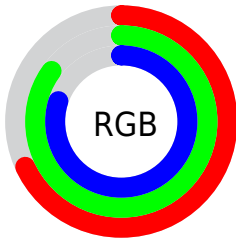
Format	Color
RYB	173, 198, 216
Decimal	11393227
CIELab	83.08, -16.63, 1.75
CIElCh	83, 16.718, 173.984
Yxy	62.3078, 0.2910, 0.3449
Android (android.graphics.Color)	4289583307 (0xFFADD8CB)
YUV	201.6610, 0.6601, -25.1357
Hunter-Lab	78.9353, -19.2566, 5.8487

Details

The Yxy color **62.3078, 0.2910, 0.3449** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0272, 0.3404, 0.3137**, and the grayscale version is **58.8479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **31.6527, 0.2856, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **59.7398, 0.2810, 0.3541**, and if you desaturate by 10%, it is **65.2921, 0.3017, 0.3365**.

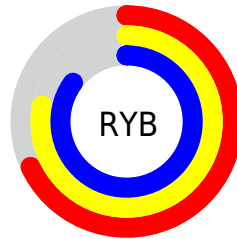
Distribution



Red (68%)

Green (85%)

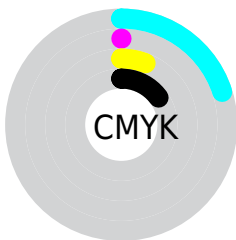
Blue (80%)



Red (68%)

Yellow (78%)

Blue (85%)

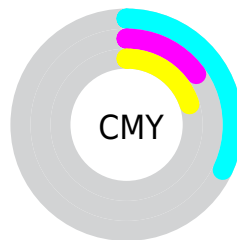


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (15%)



Cyan (32%)

Magenta (15%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3078, 0.2910, 0.3449 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 62.3078, 0.2910, 0.3449 by changing the saturation by 10% instead.

 62.3078, 0.2910,
0.3449

 62.3078, 0.2910,
0.3449


433.0530, 0.3014,
0.3373

 45.2815, 0.2886,
0.3467


 108.1703, 0.2947,
0.3422

 31.6792, 0.2855,
0.3490

137.7752, 0.2961,
0.3412

 21.1166, 0.2815,
0.3519


172.3417, 0.2973,
0.3403

 13.2092, 0.2762,
0.3559

212.2543, 0.2983,
0.3395

 7.5728, 0.2688,
0.3615

257.8973, 0.2992,
0.3389

 3.8228, 0.2575,
0.3701

309.6552, 0.3000,

 1.5750, 0.2386,

0.3383

367.9123, 0.3007,
0.3378

0.3848

0.3406, 0.0000,
0.5783

0.0000, 0.0000,
0.0000

62.3078, 0.2910,
0.3449

62.3078, 0.2910,
0.3449

59.7398, 0.2810,
0.3541

65.2921, 0.3017,
0.3365

57.5610, 0.2721,
0.3640

68.7029, 0.3128,
0.3289

55.7533, 0.2644,
0.3745

72.5597, 0.3241,
0.3221

54.2938, 0.2584,
0.3855

76.0356, 0.3322,
0.3160

■ 53.1571, 0.2541,
0.3969

■ 76.4065, 0.3277,
0.3096

■ 52.3144, 0.2519,
0.4085

■ 76.7912, 0.3232,
0.3032

■ 51.7313, 0.2517,
0.4199

■ 77.1898, 0.3188,
0.2970

■ 51.3469, 0.2532,
0.4313

■ 77.5936, 0.3145,
0.2910

■ 51.3438, 0.2532,
0.4314

Harmonies

Analogous

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



62.3078, 0.3111, 0.3604



62.3078, 0.2910, 0.3449



62.3078, 0.2770, 0.3251

Triad

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



62.3078, 0.2910, 0.3449



62.3078, 0.2927, 0.2937



62.3078, 0.3548, 0.3487

Complementary

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



62.3078, 0.2910, 0.3449



48.0272, 0.3404, 0.3137

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.



62.3078, 0.3497, 0.3311



62.3078, 0.2910, 0.3449



62.3078, 0.3133, 0.3002

Square

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



62.3078, 0.2910, 0.3449



62.3078, 0.2780, 0.2961



62.3078, 0.3343, 0.3136



62.3078, 0.3482, 0.3619

Rectangle

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



62.3078, 0.2910, 0.3449



62.3078, 0.2727, 0.3126



62.3078, 0.3343, 0.3136



62.3078, 0.3544, 0.3431

Sweetspot

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



62.3104, 0.2910, 0.3449



96.9192, 0.3059, 0.3335



62.6464, 0.3201, 0.3820



20.6759, 0.3052, 0.3340



0.0000, 0.0000, 0.0000



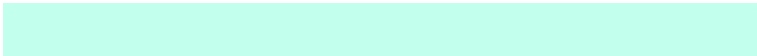
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3104, 0.2910, 0.3449



89.0508, 0.2866, 0.3488



59.0108, 0.2825, 0.3193



14.0411, 0.3022, 0.3361



30.4091, 0.2527, 0.4296



1.8485, 0.2472, 0.4100

Inverse Universe

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



48.0272, 0.3404, 0.3137



64.5209, 0.3481, 0.3102



50.6143, 0.3502, 0.3385



12.4818, 0.3244, 0.3220



8.8847, 0.5743, 0.2937



0.5504, 0.5245, 0.2663

Previews

White Background



This preview shows how the Yxy color 62.3078, 0.2910, 0.3449 looks on a white background.

Color Contrast Check

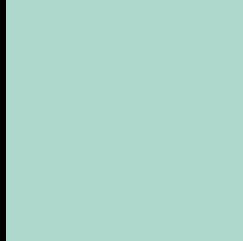
Large Text (above 18pt) WCAG AA × Fail

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 62.3078, 0.2910, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

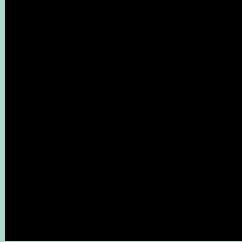
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

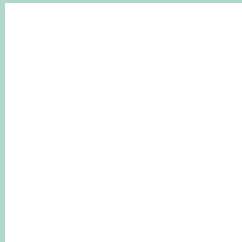
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3078, 0.2910, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 62.3078, 0.2910, 0.3449.

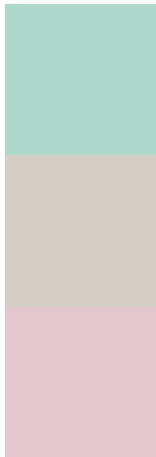


This preview shows how white text looks on a background with the Yxy color 62.3078, 0.2910, 0.3449.

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

62.3078, 0.2910, 0.3449

Protanopia

62.1709, 0.3237, 0.3394

Deuteranopia

61.9335, 0.3288, 0.3224



Tritanopia

62.2091, 0.2782, 0.3088

Trichromacy



Original Color

62.3078, 0.2910, 0.3449

Protanomaly

62.2225, 0.3114, 0.3420

Deuteranomaly

61.8158, 0.3142, 0.3302

Tritanomaly

61.9859, 0.2824, 0.3205

Monochromacy



Original Color

62.3078, 0.2910, 0.3449

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9663, 0.3042, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3078, 0.2910, 0.3449 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(173, 216, 203)` looks like.

```
.text, #text, p{  
    color:rgb(173, 216, 203)  
}
```

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(173, 216, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 216, 203) }
```

Border

The CSS property to change the border of an element to Yxy 62.3078, 0.2910, 0.3449 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(173, 216, 203) }
```

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

```
.border{ border-color:rgb(173, 216, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 216, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 216, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 216, 203);  
box-shadow:4px 4px 4px 4px rgb(173, 216,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3078, 0.2910, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 216, 203) }
```

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

```
.background{ background-color: rgb(173,  
216, 203) }
```

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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