

Converting Colors

Yxy(61.9078, 0.2808, 0.3399)

Have a look what the booklet for
Yxy(61.9078, 0.2808, 0.3399)
contains.

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Color

Yxy(61.8612, 0.2809, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	A2D9D0
RGB	162, 217, 208
RGB Percent	64%, 85%, 82%
CMY	0.3649, 0.1490, 0.1842
CMYK	0.25, 0.00, 0.04, 0.15
HSL	170°, 42%, 74%
HSV	170°, 25%, 85%
XYZ	51.0932, 61.8612, 68.9368
YIQ	199.5290, -29.8910, -14.4590

Conversions

Conversions Part 2

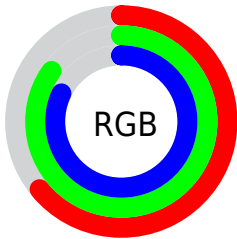
Format	Color
RYB	162, 192, 217
Decimal	10672592
CIELab	82.84, -19.48, -1.32
CIELCh	83, 19.530, 183.883
Yxy	61.8612, 0.2809, 0.3401
Android (android.graphics.Color)	4288862672 (0xFFA2D9D0)
YUV	199.5290, 4.1762, -32.9129
Hunter-Lab	78.6519, -21.6850, 3.0899

Details

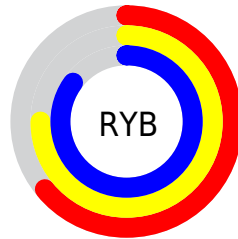
The Yxy color **61.8612, 0.2809, 0.3401** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5159, 0.3575, 0.3183**, and the grayscale version is **57.4385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **31.4250, 0.2730, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **59.6121, 0.2700, 0.3451**, and if you desaturate by 10%, it is **64.5113, 0.2929, 0.3354**.

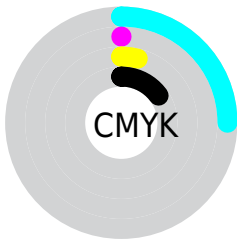
Distribution



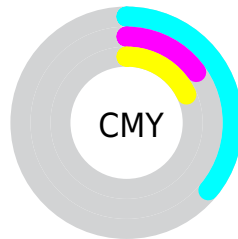
- Red (64%)
- Green (85%)
- Blue (82%)



- Red (64%)
- Yellow (75%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)




- Cyan (36%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8612, 0.2809, 0.3401 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 61.8612, 0.2809, 0.3401 by changing the saturation by 10% instead.


 61.8612, 0.2809,
0.3401


 61.8612, 0.2809,
0.3401


431.4246, 0.2960,
0.3349

 44.9206, 0.2774,
0.3413

 107.5249, 0.2862,
0.3383

 31.3949, 0.2729,
0.3428


 137.0167, 0.2883,
0.3376

 20.8997, 0.2672,
0.3447


171.4611, 0.2900,
0.3370

 13.0507, 0.2597,
0.3472

211.2424, 0.2915,
0.3364

 7.4635, 0.2491,
0.3507

256.7450, 0.2929,
0.3360

 3.7536, 0.2333,
0.3558

308.3533, 0.2940,

 1.5367, 0.2074,

0.3356

0.3639

366.4517, 0.2951,
0.3352

0.3144, 0.0000,
0.4196

0.0000, 0.0000,
0.0000

61.8612, 0.2809,
0.3401

61.8612, 0.2809,
0.3401

59.6121, 0.2700,
0.3451

64.5113, 0.2929,
0.3354

57.7364, 0.2604,
0.3505


67.5737, 0.3056,
0.3311

56.2145, 0.2524,
0.3561


71.0683, 0.3189,
0.3273

55.0223, 0.2463,
0.3618


75.0117, 0.3324,
0.3238

 54.1324, 0.2420,
0.3677


 76.3685, 0.3345,
0.3203


 53.5130, 0.2398,
0.3735

 76.5647, 0.3320,
0.3168

 53.1251, 0.2393,
0.3793

 76.7649, 0.3295,
0.3133

 52.9923, 0.2395,
0.3820

 76.9692, 0.3271,
0.3098

 77.1777, 0.3246,
0.3064

Harmonies

Analogous

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



61.8612, 0.3025, 0.3610



61.8612, 0.2809, 0.3401



61.8612, 0.2680, 0.3167

Triad

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



61.8612, 0.2809, 0.3401



61.8612, 0.2967, 0.2894



61.8612, 0.3610, 0.3577

Complementary

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



61.8612, 0.2809, 0.3401



43.5159, 0.3575, 0.3183

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.



61.8612, 0.3596, 0.3383



61.8612, 0.2809, 0.3401



61.8612, 0.3217, 0.2999

Square

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



61.8612, 0.2809, 0.3401



61.8612, 0.2768, 0.2885



61.8612, 0.3450, 0.3174



61.8612, 0.3490, 0.3706

Rectangle

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



61.8612, 0.2809, 0.3401



61.8612, 0.2657, 0.3034



61.8612, 0.3450, 0.3174



61.8612, 0.3621, 0.3517

Sweetspot

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



61.8637, 0.2809, 0.3401



96.1215, 0.3021, 0.3323



60.9115, 0.3159, 0.3996



20.4275, 0.3002, 0.3329



0.0000, 0.0000, 0.0000



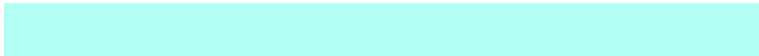
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8637, 0.2809, 0.3401



87.4859, 0.2754, 0.3425



53.3771, 0.2736, 0.3057



14.7912, 0.3004, 0.3328



32.0880, 0.2392, 0.3812



2.0888, 0.2366, 0.3717

Inverse Universe

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



43.5159, 0.3575, 0.3183



57.0612, 0.3693, 0.3161



50.1269, 0.3609, 0.3511



13.0860, 0.3266, 0.3252



9.0152, 0.6156, 0.3165



0.5949, 0.5739, 0.2935

Previews

White Background



This preview shows how the Yxy color 61.8612, 0.2809, 0.3401 looks on a white background.

Color Contrast Check

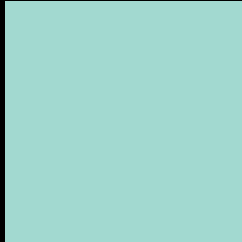
Large Text (above 18pt) WCAG AA × Fail

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 61.8612, 0.2809, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

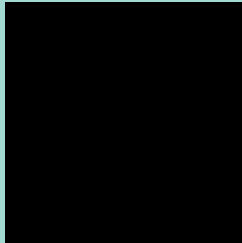
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

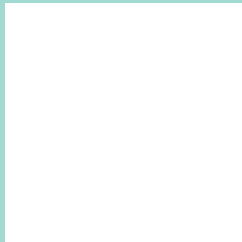
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8612, 0.2809, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 61.8612, 0.2809, 0.3401.

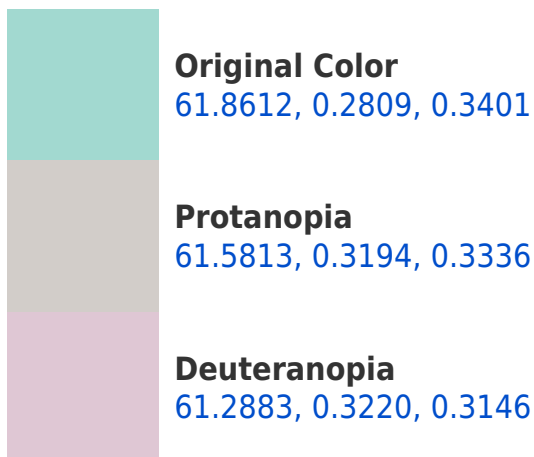


This preview shows how white text looks on a background with the Yxy color 61.8612, 0.2809, 0.3401.

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

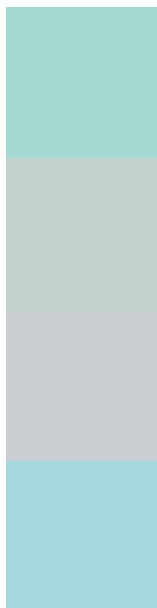




Tritanopia

62.0781, 0.2704, 0.3085

Trichromacy



Original Color

61.8612, 0.2809, 0.3401

Protanomaly

61.2980, 0.3043, 0.3349

Deuteranomaly

61.2633, 0.3055, 0.3232

Tritanomaly

61.9279, 0.2739, 0.3192

Monochromacy



Original Color

61.8612, 0.2809, 0.3401

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.8935, 0.2999, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8612, 0.2809, 0.3401 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(162, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 217, 208)  
}
```

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(162, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 217, 208) }
```

Border

The CSS property to change the border of an element to Yxy 61.8612, 0.2809, 0.3401 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(162, 217, 208) }
```

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

```
.border{ border-color:rgb(162, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 217,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8612, 0.2809, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 217, 208) }
```

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

```
.background{ background-color: rgb(162,  
217, 208) }
```

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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