

Converting Colors

Yxy(61.9878, 0.2799, 0.3341)

Have a look what the booklet for
Yxy(61.9878, 0.2799, 0.3341)
contains.

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Color

Yxy(61.7577, 0.2797, 0.3338)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A4D8D4 |
| RGB | 164, 216, 212 |
| RGB Percent | 64%, 85%, 83% |
| CMY | 0.3570, 0.1529, 0.1685 |
| CMYK | 0.24, 0.00, 0.02, 0.15 |
| HSL | 175°, 40%, 75% |
| HSV | 175°, 24%, 85% |
| XYZ | 51.7484, 61.7577, 71.5079 |
| YIQ | 199.9960, -29.7080, -12.2680 |

Conversions

Conversions Part 2

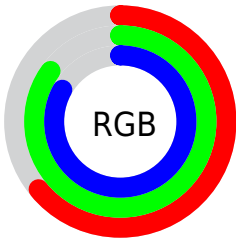
| Format | Color |
|-------------------------------------|--|
| RYB | 164, 191, 216 |
| Decimal | 10803412 |
| CIELab | 82.78, -17.52, -3.53 |
| CIElCh | 83, 17.868, 191.384 |
| Yxy | 61.7577, 0.2797, 0.3338 |
| Android (android.graphics.Color) | 4288993492 (0xFFA4D8D4) |
| YUV | 199.9960, 5.9180, -31.5685 |
| Hunter-Lab | 78.5861, -19.9845, 1.0604 |

Details

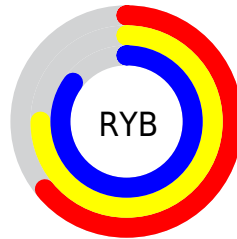
The Yxy color **61.7577, 0.2797, 0.3338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9644, 0.3589, 0.3243**, and the grayscale version is **57.7319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **31.3036, 0.2721, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **59.5718, 0.2677, 0.3361**, and if you desaturate by 10%, it is **64.3398, 0.2928, 0.3317**.

Distribution



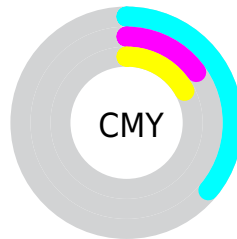
- Red (64%)
- Green (85%)
- Blue (83%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)




- Cyan (36%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7577, 0.2797, 0.3338 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 61.7577, 0.2797, 0.3338 by changing the saturation by 10% instead.


 61.7577, 0.2797,
0.3338


 61.7577, 0.2797,
0.3338


431.0467, 0.2953,
0.3317

 44.8369, 0.2760,
0.3343


 107.3753, 0.2852,
0.3331

 31.3290, 0.2715,
0.3348


 136.8409, 0.2873,
0.3328

 20.8495, 0.2656,
0.3355


171.2569, 0.2891,
0.3325

 13.0140, 0.2579,
0.3363

211.0077, 0.2907,
0.3323

 7.4382, 0.2470,
0.3374

256.4776, 0.2921,
0.3321

 3.7376, 0.2310,
0.3387

308.0512, 0.2933,

 1.5279, 0.2048,

0.3320

366.1128, 0.2944,
0.3318

0.3401

0.3083, 0.0000,
0.3462

0.0000, 0.0000,
0.0000

61.7577, 0.2797,
0.3338

61.7577, 0.2797,
0.3338

59.5718, 0.2677,
0.3361

64.3398, 0.2928,
0.3317

57.7547, 0.2572,
0.3385


67.3288, 0.3068,
0.3297


56.2877, 0.2483,
0.3410

70.7444, 0.3214,
0.3280


55.1469, 0.2413,
0.3435


74.6028, 0.3362,
0.3264

 54.3059, 0.2362,
0.3461


 75.5570, 0.3385,
0.3248


 53.7341, 0.2330,
0.3487


 75.6448, 0.3373,
0.3231

 53.3939, 0.2316,
0.3512

 75.7334, 0.3362,
0.3215

 53.2646, 0.2313,
0.3527

 75.8229, 0.3350,
0.3198

 75.9132, 0.3338,
0.3182

Harmonies

Analogous

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



61.7577, 0.2979, 0.3540



61.7577, 0.2797, 0.3338



61.7577, 0.2703, 0.3130

Triad

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



61.7577, 0.2797, 0.3338



61.7577, 0.3036, 0.2942



61.7577, 0.3552, 0.3591

Complementary

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



61.7577, 0.2797, 0.3338



43.9644, 0.3589, 0.3243

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.



61.7577, 0.3571, 0.3424



61.7577, 0.2797, 0.3338



61.7577, 0.3267, 0.3058

Square

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



61.7577, 0.2797, 0.3338



61.7577, 0.2837, 0.2911



61.7577, 0.3466, 0.3231



61.7577, 0.3417, 0.3686

Rectangle

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



61.7577, 0.2797, 0.3338



61.7577, 0.2700, 0.3019



61.7577, 0.3466, 0.3231



61.7577, 0.3573, 0.3541

Sweetspot

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



61.7602, 0.2797, 0.3338



96.6831, 0.3026, 0.3303



60.1530, 0.3126, 0.3962



20.6360, 0.3017, 0.3304



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.



61.7602, 0.2797, 0.3338



88.2123, 0.2733, 0.3350



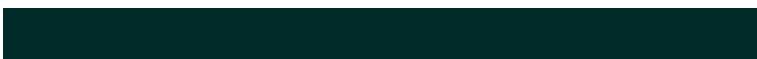
51.5756, 0.2751, 0.3015



14.0908, 0.2993, 0.3308



31.5322, 0.2312, 0.3523



1.9068, 0.2300, 0.3479

Inverse Universe

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



43.9644, 0.3589, 0.3243



57.9024, 0.3725, 0.3233



52.2504, 0.3567, 0.3550



12.4360, 0.3279, 0.3273



8.6702, 0.6312, 0.3251



0.5284, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 61.7577, 0.2797, 0.3338 looks on a white background.

Color Contrast Check

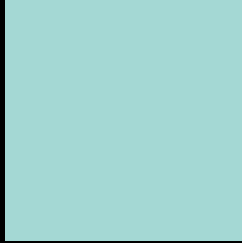
Large Text (above 18pt) WCAG AA × Fail

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 61.7577, 0.2797, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

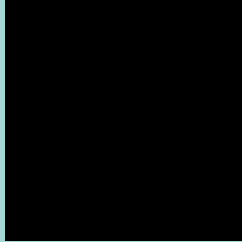
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

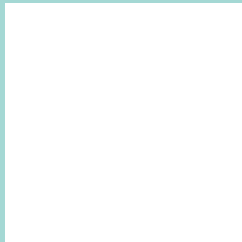
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7577, 0.2797, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 61.7577, 0.2797, 0.3338.

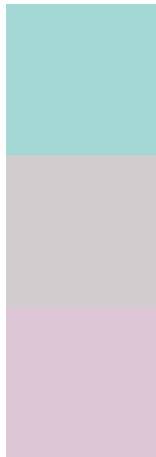


This preview shows how white text looks on a background with the Yxy color 61.7577, 0.2797, 0.3338.

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

61.7577, 0.2797, 0.3338

Protanopia

61.1488, 0.3158, 0.3279

Deuteranopia

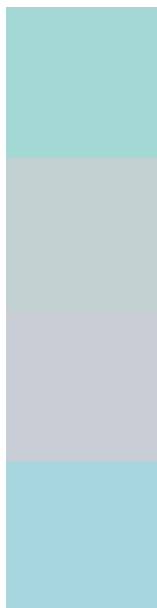
61.1253, 0.3182, 0.3112



Tritanopia

61.6265, 0.2715, 0.3085

Trichromacy



Original Color

61.7577, 0.2797, 0.3338

Protanomaly

61.0033, 0.3016, 0.3290

Deuteranomaly

60.7970, 0.3027, 0.3185

Tritanomaly

61.6363, 0.2750, 0.3180

Monochromacy



Original Color

61.7577, 0.2797, 0.3338

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.0670, 0.3000, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7577, 0.2797, 0.3338 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(164, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(164, 216, 212)  
}
```

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(164, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 216, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.7577, 0.2797, 0.3338 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(164, 216, 212) }
```

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

```
.border{ border-color:rgb(164, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(164, 216,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7577, 0.2797, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 216, 212) }
```

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

```
.background{ background-color: rgb(164,  
216, 212) }
```

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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