

Converting Colors

$Yxy(62.9689, 0.2797, 0.3416)$

Have a look what the booklet for
Yxy(62.9689, 0.2797, 0.3416)
contains.

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Color

Yxy(62.8436, 0.2799, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	A1DBD1
RGB	161, 219, 209
RGB Percent	63%, 86%, 82%
CMY	0.3687, 0.1412, 0.1803
CMYK	0.26, 0.00, 0.05, 0.14
HSL	170°, 45%, 75%
HSV	170°, 26%, 86%
XYZ	51.5380, 62.8436, 69.7485
YIQ	200.5180, -31.3580, -15.4060

Conversions

Conversions Part 2

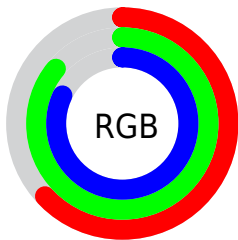
Format	Color
RYB	161, 193, 219
Decimal	10607569
CIELab	83.36, -20.55, -1.10
CIELCh	83, 20.581, 183.054
Yxy	62.8436, 0.2799, 0.3413
Android (android.graphics.Color)	4288797649 (0xFFA1DBD1)
YUV	200.5180, 4.1816, -34.6573
Hunter-Lab	79.2740, -22.6820, 3.3260

Details

The Yxy color **62.8436, 0.2799, 0.3413** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4857, 0.3596, 0.3172**, and the grayscale version is **58.0837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **32.1056, 0.2718, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **60.5823, 0.2692, 0.3467**, and if you desaturate by 10%, it is **65.5129, 0.2917, 0.3363**.

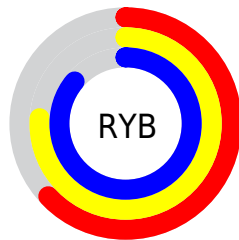
Distribution



Red (63%)

Green (86%)

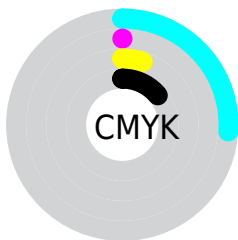
Blue (82%)



Red (63%)

Yellow (76%)

Blue (86%)

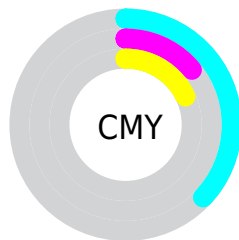


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (14%)



Cyan (37%)


Magenta (14%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8436, 0.2799, 0.3413 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 62.8436, 0.2799, 0.3413 by changing the saturation by 10% instead.


 62.8436, 0.2799,
0.3413


 62.8436, 0.2799,
0.3413

435.0017, 0.2954,
0.3355

 45.7147, 0.2763,
0.3426

 108.9438, 0.2854,
0.3393

 32.0207, 0.2717,
0.3443


 138.6840, 0.2875,
0.3385

 21.3773, 0.2659,
0.3464


173.3966, 0.2893,
0.3378

 13.4001, 0.2582,
0.3492

213.4662, 0.2908,
0.3373

 7.7046, 0.2474,
0.3531

259.2771, 0.2922,
0.3367

 3.9065, 0.2314,
0.3587

311.2137, 0.2934,

 1.6214, 0.2054,

0.3363

369.6604, 0.2945,
0.3359

0.3677

0.3720, 0.0000,
0.4357

0.0000, 0.0000,
0.0000

62.8436, 0.2799,
0.3413

62.8436, 0.2799,
0.3413

60.5823, 0.2692,
0.3467

65.5129, 0.2917,
0.3363

58.7006, 0.2599,
0.3523


68.6018, 0.3043,
0.3317


57.1782, 0.2522,
0.3583


72.1310, 0.3174,
0.3276


55.9901, 0.2463,
0.3644


76.1174, 0.3307,
0.3239

 55.1078, 0.2423,
0.3706


 77.5197, 0.3328,
0.3202


 54.4982, 0.2404,
0.3768


 77.7311, 0.3301,
0.3165

 54.1194, 0.2402,
0.3830

 77.9472, 0.3275,
0.3128

 54.0151, 0.2403,
0.3851

 78.1678, 0.3249,
0.3091

 78.3932, 0.3224,
0.3054

Harmonies

Analogous

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



62.8436, 0.3026, 0.3631



62.8436, 0.2799, 0.3413



62.8436, 0.2661, 0.3167

Triad

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



62.8436, 0.2799, 0.3413



62.8436, 0.2952, 0.2874



62.8436, 0.3635, 0.3585

Complementary

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



62.8436, 0.2799, 0.3413



43.4857, 0.3596, 0.3172

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.



62.8436, 0.3617, 0.3380



62.8436, 0.2799, 0.3413



62.8436, 0.3213, 0.2981

Square

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



62.8436, 0.2799, 0.3413



62.8436, 0.2746, 0.2867



62.8436, 0.3460, 0.3163



62.8436, 0.3512, 0.3724

Rectangle

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



62.8436, 0.2799, 0.3413



62.8436, 0.2635, 0.3027



62.8436, 0.3460, 0.3163



62.8436, 0.3646, 0.3522

Sweetspot

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



62.8462, 0.2799, 0.3413



96.1101, 0.3022, 0.3324



61.9668, 0.3167, 0.4030



20.4246, 0.3003, 0.3331



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.



62.8462, 0.2799, 0.3413



86.7983, 0.2736, 0.3444



54.2931, 0.2720, 0.3058



14.7891, 0.3005, 0.3330



32.0410, 0.2401, 0.3842



2.0861, 0.2373, 0.3741

Inverse Universe

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



43.4857, 0.3596, 0.3172



54.9076, 0.3739, 0.3145



50.0185, 0.3638, 0.3510



13.0879, 0.3265, 0.3250



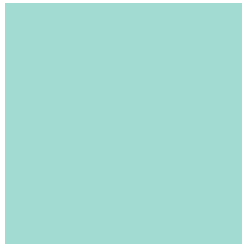
9.0228, 0.6136, 0.3154



0.5958, 0.5708, 0.2918

Previews

White Background



This preview shows how the Yxy color 62.8436, 0.2799, 0.3413 looks on a white background.

Color Contrast Check

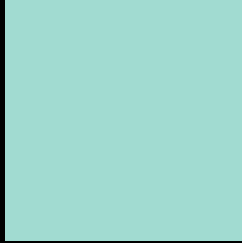
Large Text (above 18pt) WCAG AA × Fail

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 62.8436, 0.2799, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

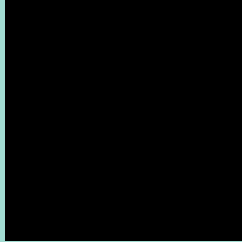
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

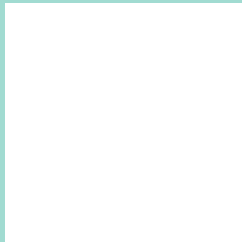
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8436, 0.2799, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 62.8436, 0.2799, 0.3413.

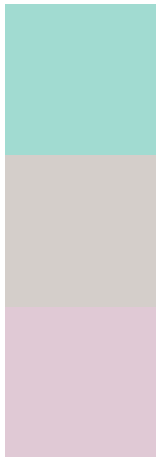


This preview shows how white text looks on a background with the Yxy color 62.8436, 0.2799, 0.3413.

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

62.8436, 0.2799, 0.3413

Protanopia

62.4039, 0.3201, 0.3336

Deuteranopia

62.4247, 0.3219, 0.3157



Tritanopia

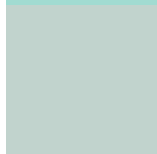
62.5911, 0.2688, 0.3074

Trichromacy



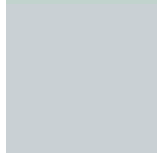
Original Color

62.8436, 0.2799, 0.3413



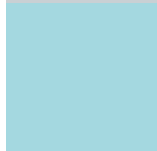
Protanomaly

62.3338, 0.3036, 0.3361



Deuteranomaly

62.2827, 0.3048, 0.3243



Tritanomaly

62.3861, 0.2728, 0.3192

Monochromacy



Original Color

62.8436, 0.2799, 0.3413



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

59.9105, 0.2992, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8436, 0.2799, 0.3413 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(161, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(161, 219, 209)  
}
```

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(161, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 219, 209) }
```

Border

The CSS property to change the border of an element to Yxy 62.8436, 0.2799, 0.3413 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(161, 219, 209) }
```

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

```
.border{ border-color:rgb(161, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(161, 219,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8436, 0.2799, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 219, 209) }
```

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

```
.background{ background-color: rgb(161,  
219, 209) }
```

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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