

Converting Colors

$Yxy(62.5930, 0.2836, 0.3348)$

Have a look what the booklet for
Yxy(62.5930, 0.2836, 0.3348)
contains.

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Color

Yxy(62.4112, 0.2836, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	AAD8D4
RGB	170, 216, 212
RGB Percent	67%, 85%, 83%
CMY	0.3331, 0.1530, 0.1686
CMYK	0.21, 0.00, 0.02, 0.15
HSL	175°, 37%, 76%
HSV	175°, 21%, 85%
XYZ	53.0252, 62.4112, 71.5354
YIQ	201.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

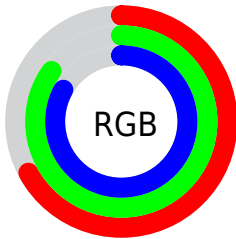
Format	Color
RYB	170, 194, 216
Decimal	11196628
CIELab	83.13, -15.68, -2.95
CIELCh	83, 15.958, 190.655
Yxy	62.4112, 0.2836, 0.3338
Android (android.graphics.Color)	4289386708 (0xFFAAD8D4)
YUV	201.7900, 5.0335, -27.8798
Hunter-Lab	79.0008, -18.4423, 1.6133

Details

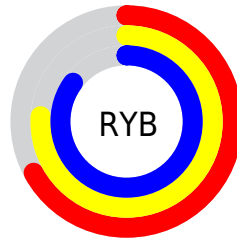
The Yxy color **62.4112, 0.2836, 0.3338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4266, 0.3517, 0.3243**, and the grayscale version is **58.9126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **31.7060, 0.2769, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **60.1057, 0.2714, 0.3364**, and if you desaturate by 10%, it is **65.1184, 0.2969, 0.3314**.

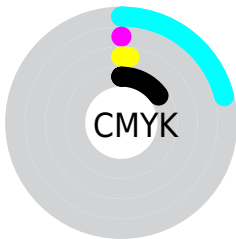
Distribution



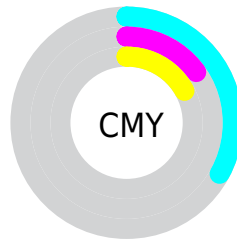
- Red (67%)
- Green (85%)
- Blue (83%)



- Red (67%)
- Yellow (76%)
- Blue (85%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)





- Cyan (33%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4112, 0.2836, 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 62.4112, 0.2836, 0.3338 by changing the saturation by 10% instead.


 62.4112, 0.2836,
0.3338

 62.4112, 0.2836,
0.3338

433.4294, 0.2974,
0.3316

 45.3650, 0.2804,
0.3343


 108.3196, 0.2884,
0.3331

 31.7451, 0.2764,
0.3349


137.9506, 0.2903,
0.3328

 21.1668, 0.2712,
0.3356

172.5454, 0.2919,
0.3325

 13.2460, 0.2644,
0.3365

212.4884, 0.2933,
0.3323

 7.5982, 0.2548,
0.3377

258.1638, 0.2945,
0.3321

 3.8389, 0.2406,
0.3393

309.9562, 0.2956,

 1.5839, 0.2175,

0.3319

368.2500, 0.2965,
0.3318

0.3414

0.3467, 0.0000,
0.3726

0.0000, 0.0000,
0.0000

62.4112, 0.2836,
0.3338

62.4112, 0.2836,
0.3338

60.1057, 0.2714,
0.3364

65.1184, 0.2969,
0.3314

58.1750, 0.2605,
0.3391

68.2377, 0.3109,
0.3293

56.6007, 0.2513,
0.3419

71.7884, 0.3254,
0.3273

55.3599, 0.2438,
0.3448

75.5097, 0.3391,
0.3255

■ 54.4269, 0.2382,
0.3478

■ 75.6096, 0.3377,
0.3236

■ 53.7724, 0.2346,
0.3508

■ 75.7106, 0.3364,
0.3218

■ 53.3613, 0.2327,
0.3537

■ 75.8127, 0.3350,
0.3199

■ 53.1485, 0.2323,
0.3563

■ 75.9159, 0.3337,
0.3180

■ 76.0203, 0.3324,
0.3161

Harmonies

Analogous

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



62.4112, 0.3001, 0.3516



62.4112, 0.2836, 0.3338



62.4112, 0.2749, 0.3153

Triad

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



62.4112, 0.2836, 0.3338



62.4112, 0.3042, 0.2977



62.4112, 0.3507, 0.3556

Complementary

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



62.4112, 0.2836, 0.3338



46.4266, 0.3517, 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.



62.4112, 0.3521, 0.3407



62.4112, 0.2836, 0.3338



62.4112, 0.3247, 0.3079

Square

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



62.4112, 0.2836, 0.3338



62.4112, 0.2865, 0.2952



62.4112, 0.3425, 0.3234



62.4112, 0.3389, 0.3641

Rectangle

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



62.4112, 0.2836, 0.3338



62.4112, 0.2745, 0.3052



62.4112, 0.3425, 0.3234



62.4112, 0.3524, 0.3512

Sweetspot

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



62.4138, 0.2836, 0.3338



97.1273, 0.3041, 0.3303



61.0861, 0.3133, 0.3872



20.7253, 0.3032, 0.3304



0.0000, 0.0000, 0.0000



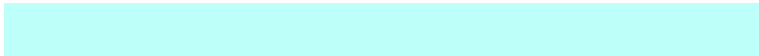
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4138, 0.2836, 0.3338



89.1545, 0.2774, 0.3351



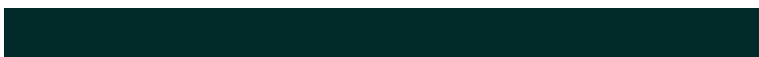
53.7238, 0.2796, 0.3060



14.0884, 0.2994, 0.3310



31.4689, 0.2322, 0.3558



1.9037, 0.2308, 0.3507

Inverse Universe

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



46.4266, 0.3517, 0.3243



61.4424, 0.3638, 0.3232



53.6532, 0.3509, 0.3509



12.4382, 0.3278, 0.3270



8.6752, 0.6297, 0.3242



0.5295, 0.6008, 0.3083

Previews

White Background



This preview shows how the Yxy color 62.4112, 0.2836, 0.3338 looks on a white background.

Color Contrast Check

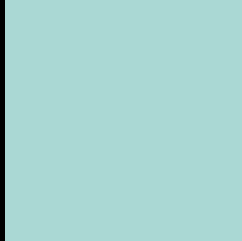
Large Text (above 18pt) WCAG AA × Fail

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 62.4112, 0.2836, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

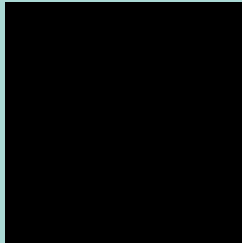
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

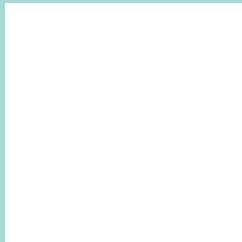
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4112, 0.2836, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 62.4112, 0.2836, 0.3338.

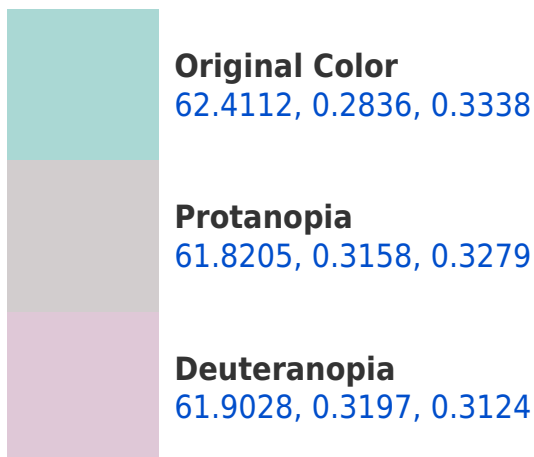


This preview shows how white text looks on a background with the Yxy color 62.4112, 0.2836, 0.3338.

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





Tritanopia

62.3003, 0.2752, 0.3087

Trichromacy



Original Color

62.4112, 0.2836, 0.3338

Protanomaly

61.7571, 0.3031, 0.3302

Deuteranomaly

61.8350, 0.3057, 0.3198

Tritanomaly

62.3051, 0.2788, 0.3181

Monochromacy



Original Color

62.4112, 0.2836, 0.3338

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.0290, 0.3008, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4112, 0.2836, 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(170, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 216, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.4112, 0.2836, 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(170, 216, 212) }
```

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

```
.border{ border-color:rgb(170, 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(170, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(170, 216,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4112, 0.2836, 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(170, 216, 212) }
```

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

```
.background{ background-color: rgb(170,  
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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