

Converting Colors

$Y_{xy}(62.4279, 0.2869, 0.3337)$

Have a look what the booklet for
Yxy(62.4279, 0.2869, 0.3337)
contains.

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Color

Yxy(62.3027, 0.2867, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	AED7D3
RGB	174, 215, 211
RGB Percent	68%, 84%, 83%
CMY	0.3177, 0.1568, 0.1725
CMYK	0.19, 0.00, 0.02, 0.16
HSL	174°, 34%, 76%
HSV	174°, 19%, 84%
XYZ	53.5116, 62.3027, 70.8325
YIQ	202.2850, -23.1520, -9.9360

Conversions

Conversions Part 2

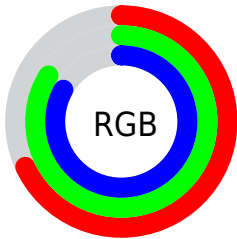
Format	Color
RYB	174, 196, 215
Decimal	11458515
CIELab	83.07, -14.18, -2.48
CIELCh	83, 14.395, 189.913
Yxy	62.3027, 0.2867, 0.3338
Android (android.graphics.Color)	4289648595 (0xFFAED7D3)
YUV	202.2850, 4.2965, -24.8059
Hunter-Lab	78.9321, -17.1178, 2.0465

Details

The Yxy color **62.3027, 0.2867, 0.3338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9304, 0.3464, 0.3243**, and the grayscale version is **59.2334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **31.6409, 0.2800, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **59.9258, 0.2744, 0.3366**, and if you desaturate by 10%, it is **65.0814, 0.3000, 0.3312**.

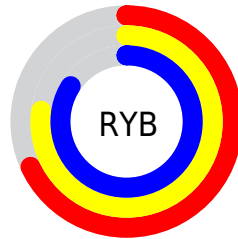
Distribution



Red (68%)

Green (84%)

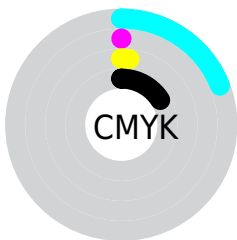
Blue (83%)



Red (68%)

Yellow (77%)

Blue (84%)

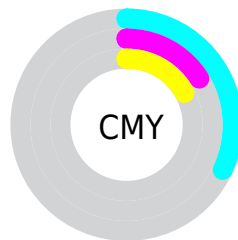


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (16%)



Cyan (32%)


Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3027, 0.2867, 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 62.3027, 0.2867, 0.3338 by changing the saturation by 10% instead.

 62.3027, 0.2867,
0.3338

 62.3027, 0.2867,
0.3338


433.0344, 0.2990,
0.3316

 45.2773, 0.2838,
0.3343


 108.1629, 0.2910,
0.3330

 31.6759, 0.2802,
0.3349


137.7665, 0.2927,
0.3328

 21.1141, 0.2756,
0.3357


172.3317, 0.2941,
0.3325

 13.2074, 0.2694,
0.3366

212.2428, 0.2954,
0.3323

 7.5715, 0.2608,
0.3379

257.8842, 0.2965,
0.3321

 3.8220, 0.2480,
0.3397

309.6403, 0.2974,

 1.5745, 0.2269,

0.3319

0.3423

367.8956, 0.2983,
0.3318

0.3403, 0.0000,
0.3849

0.0000, 0.0000,
0.0000

62.3027, 0.2867,
0.3338

62.3027, 0.2867,
0.3338

59.9258, 0.2744,
0.3366

65.0814, 0.3000,
0.3312

57.9242, 0.2633,
0.3397


68.2716, 0.3140,
0.3288


56.2801, 0.2537,
0.3428

71.8925, 0.3284,
0.3266

54.9714, 0.2459,
0.3461


75.0003, 0.3393,
0.3246

 53.9733, 0.2400,
0.3494


 75.1119, 0.3378,
0.3225

 53.2578, 0.2360,
0.3528


 75.2250, 0.3363,
0.3204

 52.7916, 0.2339,
0.3562

 75.3394, 0.3348,
0.3183

 52.5213, 0.2333,
0.3595

 75.4552, 0.3333,
0.3162

 52.4998, 0.2333,
0.3598

 75.5725, 0.3318,
0.3142

Harmonies

Analogous

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



62.3027, 0.3018, 0.3496



62.3027, 0.2867, 0.3338



62.3027, 0.2786, 0.3171

Triad

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



62.3027, 0.2867, 0.3338



62.3027, 0.3046, 0.3005



62.3027, 0.3472, 0.3528

Complementary

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



62.3027, 0.2867, 0.3338



47.9304, 0.3464, 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.



62.3027, 0.3481, 0.3392



62.3027, 0.2867, 0.3338



62.3027, 0.3231, 0.3096

Square

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



62.3027, 0.2867, 0.3338



62.3027, 0.2887, 0.2985



62.3027, 0.3392, 0.3236



62.3027, 0.3368, 0.3605

Rectangle

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



62.3027, 0.2867, 0.3338



62.3027, 0.2781, 0.3079



62.3027, 0.3392, 0.3236



62.3027, 0.3486, 0.3488

Sweetspot

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



62.3053, 0.2867, 0.3338



97.1169, 0.3042, 0.3304



61.1360, 0.3133, 0.3806



20.7228, 0.3033, 0.3306



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.



62.3053, 0.2867, 0.3338



90.1592, 0.2814, 0.3350



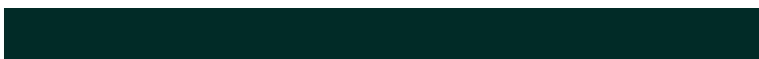
54.5672, 0.2831, 0.3086



14.0860, 0.2996, 0.3313



31.4076, 0.2331, 0.3593



1.9006, 0.2315, 0.3535

Inverse Universe

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



47.9304, 0.3464, 0.3243



65.1660, 0.3558, 0.3232



54.5027, 0.3464, 0.3485



12.4403, 0.3276, 0.3268



8.6806, 0.6281, 0.3233



0.5305, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 62.3027, 0.2867, 0.3338 looks on a white background.

Color Contrast Check

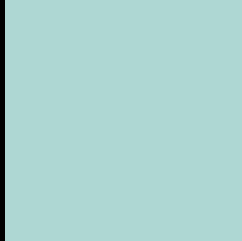
Large Text (above 18pt) WCAG AA × Fail

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 62.3027, 0.2867, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

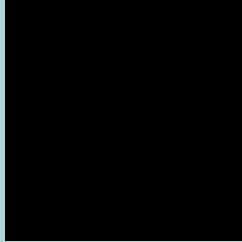
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

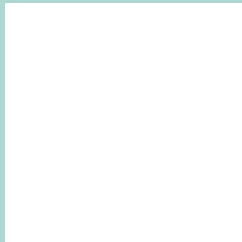
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3027, 0.2867, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 62.3027, 0.2867, 0.3338.

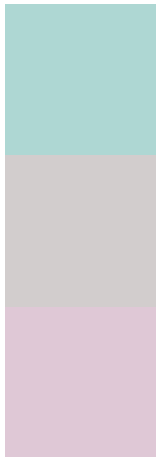


This preview shows how white text looks on a background with the Yxy color 62.3027, 0.2867, 0.3338.

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

62.3027, 0.2867, 0.3338

Protanopia

61.7721, 0.3165, 0.3290

Deuteranopia

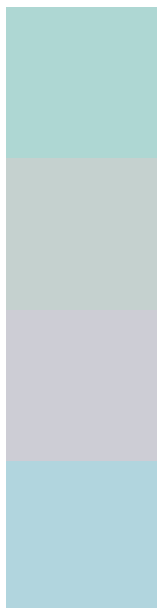
61.8516, 0.3204, 0.3135



Tritanopia

62.2091, 0.2782, 0.3088

Trichromacy



Original Color

62.3027, 0.2867, 0.3338

Protanomaly

61.9762, 0.3052, 0.3313

Deuteranomaly

61.4459, 0.3071, 0.3198

Tritanomaly

62.2095, 0.2819, 0.3182

Monochromacy



Original Color

62.3027, 0.2867, 0.3338

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.2399, 0.3029, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3027, 0.2867, 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(174, 215, 211)` looks like.

```
.text, #text, p{  
    color:rgb(174, 215, 211)  
}
```

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(174, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 215, 211) }
```

Border

The CSS property to change the border of an element to Yxy 62.3027, 0.2867, 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(174, 215, 211) }
```

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

```
.border{ border-color:rgb(174, 215, 211) }
```

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

Here you see how a box with a 4 pixel rgb(174, 215, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(174, 215,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3027, 0.2867, 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(174, 215, 211) }
```

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

```
.background{ background-color: rgb(174,  
215, 211) }
```

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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