

Converting Colors

$Yxy(62.7300, 0.2852, 0.3306)$

Have a look what the booklet for
Yxy(62.7300, 0.2852, 0.3306)
contains.

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Color

Yxy(62.4546, 0.2849, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	AED7D6
RGB	174, 215, 214
RGB Percent	68%, 84%, 84%
CMY	0.3175, 0.1569, 0.1607
CMYK	0.19, 0.00, 0.00, 0.16
HSL	179°, 34%, 76%
HSV	179°, 19%, 84%
XYZ	53.9028, 62.4546, 72.8416
YIQ	202.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

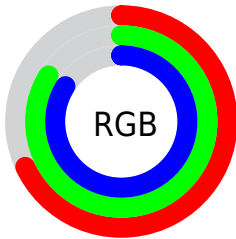
Format	Color
RYB	174, 195, 215
Decimal	11458518
CIELab	83.15, -13.52, -3.96
CIELCh	83, 14.092, 196.332
Yxy	62.4546, 0.2849, 0.3301
Android (android.graphics.Color)	4289648598 (0xFFAED7D6)
YUV	202.6270, 5.6069, -25.1059
Hunter-Lab	79.0282, -16.5498, 0.6712

Details

The Yxy color **62.4546, 0.2849, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8332, 0.3490, 0.3279**, and the grayscale version is **59.4577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **31.7098, 0.2785, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **60.1553, 0.2718, 0.3308**, and if you desaturate by 10%, it is **65.1544, 0.2991, 0.3295**.

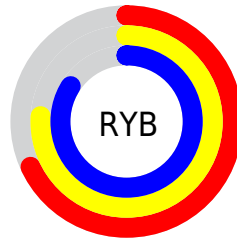
Distribution



Red (68%)

Green (84%)

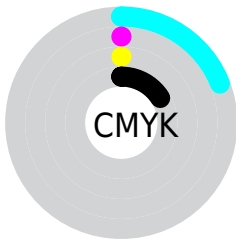
Blue (84%)



Red (68%)

Yellow (76%)

Blue (84%)

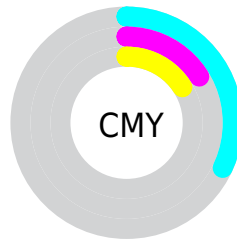


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4546, 0.2849, 0.3301 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 62.4546, 0.2849, 0.3301 by changing the saturation by 10% instead.

■ 62.4546, 0.2849,
0.3301

■ 62.4546, 0.2849,
0.3301

433.5874, 0.2980,
0.3297

■ 45.4001, 0.2818,
0.3302

■ 108.3823, 0.2895,
0.3300

■ 31.7727, 0.2780,
0.3302

138.0243, 0.2913,
0.3299

■ 21.1880, 0.2731,
0.3303

172.6309, 0.2928,
0.3299

■ 13.2615, 0.2666,
0.3303

212.5866, 0.2941,
0.3298

■ 7.6088, 0.2575,
0.3302

258.2757, 0.2953,
0.3298

■ 3.8457, 0.2440,
0.3298

310.0826, 0.2963,

■ 1.5876, 0.2220,

0.3298

0.3287

368.3917, 0.2972,
0.3297

0.3492, 0.0018,
0.3463

0.0000, 0.0000,
0.0000

62.4546, 0.2849,
0.3301

62.4546, 0.2849,
0.3301

60.1553, 0.2718,
0.3308

65.1544, 0.2991,
0.3295

58.2299, 0.2600,
0.3315

68.2645, 0.3142,
0.3290

56.6609, 0.2498,
0.3322

71.8038, 0.3297,
0.3285

55.4259, 0.2415,
0.3329

74.8184, 0.3417,
0.3280

■ 54.5003, 0.2351,
0.3337

■ 74.8450, 0.3413,
0.3275

■ 53.8561, 0.2306,
0.3345

■ 74.8716, 0.3409,
0.3270

■ 53.4601, 0.2280,
0.3352

■ 74.8984, 0.3406,
0.3264

■ 53.2590, 0.2268,
0.3360

■ 74.9252, 0.3402,
0.3259

■ 53.2433, 0.2267,
0.3361

■ 74.9521, 0.3398,
0.3254

Harmonies

Analogous

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



62.4546, 0.2984, 0.3462



62.4546, 0.2849, 0.3301



62.4546, 0.2787, 0.3142

Triad

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



62.4546, 0.2849, 0.3301



62.4546, 0.3086, 0.3025



62.4546, 0.3449, 0.3546

Complementary

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



62.4546, 0.2849, 0.3301



47.8332, 0.3490, 0.3279

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.



62.4546, 0.3480, 0.3422



62.4546, 0.2849, 0.3301



62.4546, 0.3266, 0.3126

Square

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



62.4546, 0.2849, 0.3301



62.4546, 0.2921, 0.2989



62.4546, 0.3412, 0.3270



62.4546, 0.3331, 0.3604

Rectangle

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



62.4546, 0.2849, 0.3301



62.4546, 0.2795, 0.3060



62.4546, 0.3412, 0.3270



62.4546, 0.3470, 0.3510

Sweetspot

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



62.4572, 0.2849, 0.3301



97.1893, 0.3036, 0.3293



60.8169, 0.3113, 0.3808



20.7400, 0.3026, 0.3294



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.



62.4572, 0.2849, 0.3301



90.4329, 0.2793, 0.3304



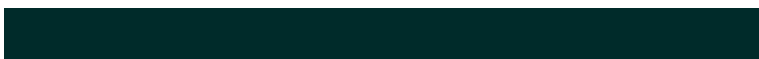
53.3385, 0.2829, 0.3052



14.1025, 0.2986, 0.3295



31.8508, 0.2267, 0.3360



1.9228, 0.2263, 0.3346

Inverse Universe

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



47.8332, 0.3490, 0.3279



64.9636, 0.3593, 0.3277



55.7128, 0.3457, 0.3517



12.4256, 0.3287, 0.3285



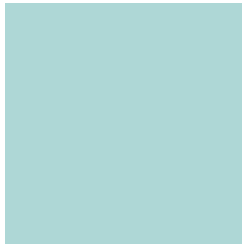
8.6500, 0.6373, 0.3284



0.5235, 0.6286, 0.3237

Previews

White Background



This preview shows how the Yxy color 62.4546, 0.2849, 0.3301 looks on a white background.

Color Contrast Check

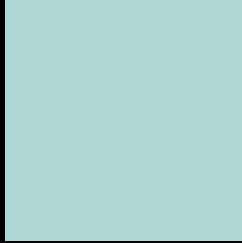
Large Text (above 18pt) WCAG AA × Fail

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 62.4546, 0.2849, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

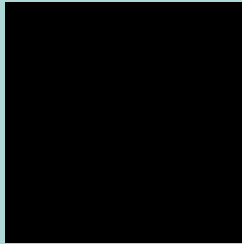
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

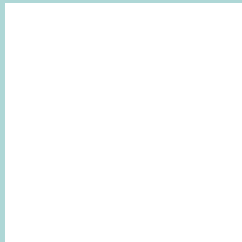
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4546, 0.2849, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 62.4546, 0.2849, 0.3301.

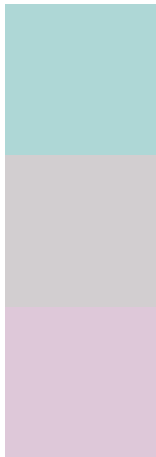


This preview shows how white text looks on a background with the Yxy color 62.4546, 0.2849, 0.3301.

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

62.4546, 0.2849, 0.3301

Protanopia

62.3983, 0.3143, 0.3267

Deuteranopia

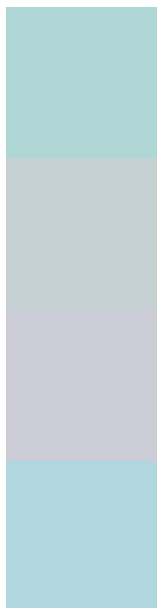
61.8479, 0.3175, 0.3102



Tritanopia

62.6488, 0.2771, 0.3088

Trichromacy



Original Color

62.4546, 0.2849, 0.3301

Protanomaly

62.1244, 0.3032, 0.3278

Deuteranomaly

61.5996, 0.3051, 0.3163

Tritanomaly

62.7051, 0.2801, 0.3170

Monochromacy



Original Color

62.4546, 0.2849, 0.3301

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3371, 0.3016, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4546, 0.2849, 0.3301 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(174, 215, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 215, 214) }
```

Border

The CSS property to change the border of an element to Yxy 62.4546, 0.2849, 0.3301 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, 214) }
```

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

```
.border{ border-color:rgb(174, 215, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(174, 215,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4546, 0.2849, 0.3301 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, 214) }
```

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

```
.background{ background-color: rgb(174,  
215, 214) }
```

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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