

Converting Colors

$Yxy(62.0645, 0.2849, 0.3280)$

Have a look what the booklet for
Yxy(62.0645, 0.2849, 0.3280)
contains.

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Color

Yxy(62.1134, 0.2849, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	AFD6D7
RGB	175, 214, 215
RGB Percent	69%, 84%, 84%
CMY	0.3135, 0.1608, 0.1569
CMYK	0.19, 0.00, 0.00, 0.16
HSL	182°, 33%, 76%
HSV	182°, 19%, 84%
XYZ	54.0009, 62.1134, 73.4291
YIQ	202.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

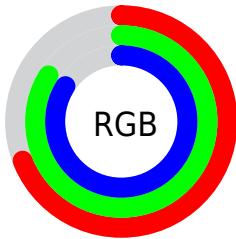
Format	Color
RYB	175, 195, 215
Decimal	11523799
CIELab	82.97, -12.49, -4.74
CIELCh	83, 13.363, 200.792
Yxy	62.1134, 0.2849, 0.3277
Android (android.graphics.Color)	4289713879 (0xFFAFD6D7)
YUV	202.4530, 6.1857, -24.0763
Hunter-Lab	78.8121, -15.6153, -0.0720

Details

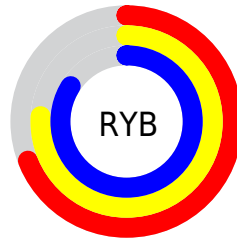
The Yxy color **62.1134, 0.2849, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6210, 0.3486, 0.3303**, and the grayscale version is **59.3399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **31.4719, 0.2784, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **59.5487, 0.2713, 0.3269**, and if you desaturate by 10%, it is **65.0803, 0.2995, 0.3284**.

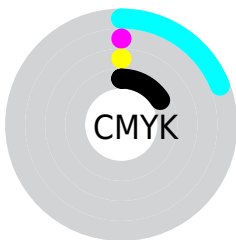
Distribution



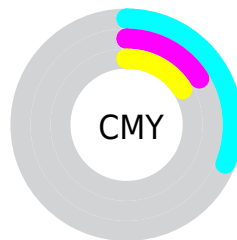
- Red (69%)
- Green (84%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (31%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1134, 0.2849, 0.3277 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 62.1134, 0.2849, 0.3277 by changing the saturation by 10% instead.


 62.1134, 0.2849,
0.3277

 62.1134, 0.2849,
0.3277


432.3446, 0.2980,
0.3285

 45.1243, 0.2818,
0.3275


 107.8894, 0.2895,
0.3280

 31.5554, 0.2780,
0.3272


137.4451, 0.2913,
0.3281

 21.0221, 0.2731,
0.3268


171.9586, 0.2928,
0.3282

 13.1402, 0.2665,
0.3262

211.8140, 0.2941,
0.3283

 7.5251, 0.2575,
0.3253

257.3960, 0.2953,
0.3283

 3.7926, 0.2440,
0.3236

309.0888, 0.2963,

 1.5583, 0.2219,

0.3284

367.2769, 0.2972,
0.3284

0.3203

0.3292, 0.0077,
0.3205

0.0000, 0.0000,
0.0000

62.1134, 0.2849,
0.3277

62.1134, 0.2849,
0.3277

59.5487, 0.2713,
0.3269

65.0803, 0.2995,
0.3284

57.3597, 0.2591,
0.3261

68.4591, 0.3149,
0.3291

55.5288, 0.2484,
0.3253

72.2687, 0.3308,
0.3297

54.0339, 0.2395,
0.3245

75.3572, 0.3423,
0.3303

■ 52.8506, 0.2326,
0.3236

■ 75.6351, 0.3422,
0.3308

■ 51.9508, 0.2275,
0.3228

■ 75.9139, 0.3421,
0.3314

■ 51.3018, 0.2244,
0.3219

■ 76.1936, 0.3420,
0.3319

■ 50.8534, 0.2227,
0.3211

■ 76.4742, 0.3419,
0.3324

■ 50.7956, 0.2225,
0.3210

■ 76.7557, 0.3419,
0.3330

Harmonies

Analogous

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



62.1134, 0.2969, 0.3432



62.1134, 0.2849, 0.3277



62.1134, 0.2802, 0.3130

Triad

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



62.1134, 0.2849, 0.3277



62.1134, 0.3114, 0.3049



62.1134, 0.3421, 0.3546

Complementary

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



62.1134, 0.2849, 0.3277



48.6210, 0.3486, 0.3303

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.



62.1134, 0.3464, 0.3436



62.1134, 0.2849, 0.3277



62.1134, 0.3283, 0.3153

Square

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



62.1134, 0.2849, 0.3277



62.1134, 0.2952, 0.3004



62.1134, 0.3413, 0.3293



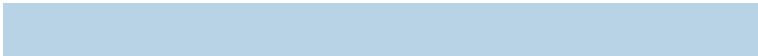
62.1134, 0.3299, 0.3590

Rectangle

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



62.1134, 0.2849, 0.3277



62.1134, 0.2818, 0.3058



62.1134, 0.3413, 0.3293



62.1134, 0.3445, 0.3515

Sweetspot

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



62.1160, 0.2849, 0.3277



96.9675, 0.3034, 0.3286



60.8438, 0.3099, 0.3786



20.6873, 0.3024, 0.3286



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.



62.1160, 0.2849, 0.3277



89.9712, 0.2798, 0.3274



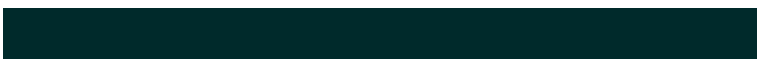
52.7728, 0.2835, 0.3033



14.0517, 0.2983, 0.3284



30.4080, 0.2225, 0.3211



1.8514, 0.2229, 0.3225

Inverse Universe

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



49.9852, 0.3157, 0.2843



69.1903, 0.3163, 0.2754



56.8863, 0.3444, 0.3534



12.6271, 0.3142, 0.3066



11.4146, 0.3273, 0.1576



0.6902, 0.3261, 0.1570

Previews

White Background



This preview shows how the Yxy color 62.1134, 0.2849, 0.3277 looks on a white background.

Color Contrast Check

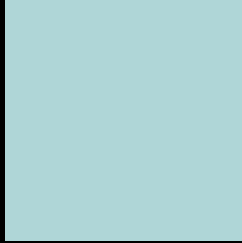
Large Text (above 18pt) WCAG AA × Fail

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 62.1134, 0.2849, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

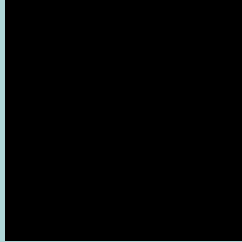
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

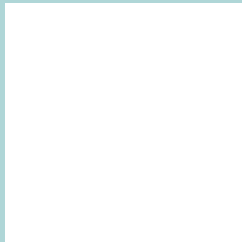
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1134, 0.2849, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 62.1134, 0.2849, 0.3277.

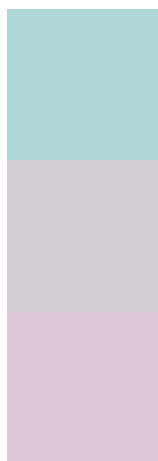


This preview shows how white text looks on a background with the Yxy color 62.1134, 0.2849, 0.3277.

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

62.1134, 0.2849, 0.3277

Protanopia

61.8711, 0.3122, 0.3233

Deuteranopia

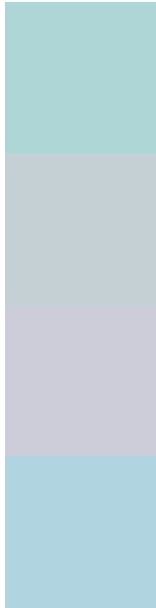
61.7427, 0.3160, 0.3090



Tritanopia

62.2091, 0.2782, 0.3088

Trichromacy



Original Color

62.1134, 0.2849, 0.3277

Protanomaly

61.7355, 0.3019, 0.3243

Deuteranomaly

61.5098, 0.3036, 0.3152

Tritanomaly

62.3174, 0.2807, 0.3158

Monochromacy



Original Color

62.1134, 0.2849, 0.3277

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8541, 0.3016, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1134, 0.2849, 0.3277 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(175, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 214, 215)  
}
```

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(175, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 214, 215) }
```

Border

The CSS property to change the border of an element to Yxy 62.1134, 0.2849, 0.3277 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(175, 214, 215) }
```

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

```
.border{ border-color:rgb(175, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(175, 214,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1134, 0.2849, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 214, 215) }
```

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

```
.background{ background-color: rgb(175,  
214, 215) }
```

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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