

Converting Colors

Yxy(63.8656, 0.2845, 0.3289)

Have a look what the booklet for
Yxy(63.8656, 0.2845, 0.3289)
contains.

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Color

Yxy(63.8656, 0.2845, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B0D9D9
RGB	176, 217, 217
RGB Percent	69%, 85%, 85%
CMY	0.3098, 0.1490, 0.1490
CMYK	0.19, 0.00, 0.00, 0.15
HSL	180°, 35%, 77%
HSV	180°, 19%, 85%
XYZ	55.2440, 63.8656, 75.0698
YIQ	204.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

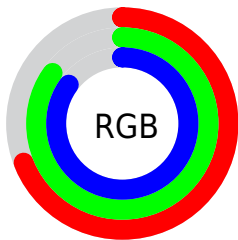
Format	Color
RYB	176, 197, 217
Decimal	11590105
CIELab	83.90, -13.31, -4.45
CIElCh	84, 14.037, 198.484
Yxy	63.8656, 0.2845, 0.3289
Android (android.graphics.Color)	4289780185 (0xFFB0D9D9)
YUV	204.7410, 6.0437, -25.2059
Hunter-Lab	79.9160, -16.4600, 0.2466

Details

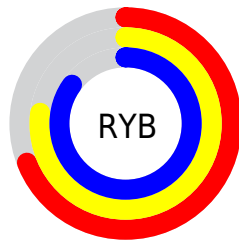
The Yxy color **63.8656, 0.2845, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9474, 0.3496, 0.3291**, and the grayscale version is **60.8525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **32.6602, 0.2780, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **61.5340, 0.2711, 0.3289**, and if you desaturate by 10%, it is **66.6068, 0.2991, 0.3290**.

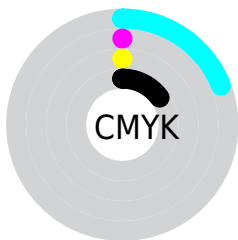
Distribution



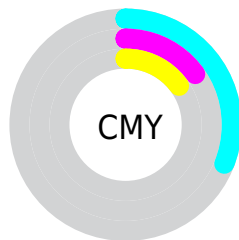
- Red (69%)
- Green (85%)
- Blue (85%)



- Red (69%)
- Yellow (77%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (31%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8656, 0.2845, 0.3289 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 63.8656, 0.2845, 0.3289 by changing the saturation by 10% instead.

 63.8656, 0.2845,
0.3289

 63.8656, 0.2845,
0.3289

438.7041, 0.2978,
0.3291

 46.5418, 0.2814,
0.3288


 110.4174, 0.2891,
0.3290

 32.6736, 0.2776,
0.3287


140.4141, 0.2909,
0.3290

 21.8765, 0.2727,
0.3285


175.4040, 0.2925,
0.3290

 13.7662, 0.2662,
0.3282

215.7714, 0.2938,
0.3291

 7.9582, 0.2572,
0.3277

261.9008, 0.2950,
0.3291

 4.0682, 0.2439,
0.3267

314.1764, 0.2960,

 1.7118, 0.2224,

0.3291

372.9827, 0.2969,
0.3291

0.3246

0.4313, 0.0655,
0.3325

0.0000, 0.0000,
0.0000

63.8656, 0.2845,
0.3289

63.8656, 0.2845,
0.3289

61.5340, 0.2711,
0.3289

66.6068, 0.2991,
0.3290

59.5851, 0.2591,
0.3288


69.7676, 0.3144,
0.3290

58.0006, 0.2487,
0.3288


73.3676, 0.3304,
0.3291


56.7579, 0.2402,
0.3287


75.9103, 0.3407,
0.3291


 55.8318, 0.2336,
0.3287


 75.9136, 0.3407,
0.3291


 55.1936, 0.2290,
0.3287


 75.9169, 0.3407,
0.3291


 54.8095, 0.2261,
0.3287

 75.9202, 0.3407,
0.3291

 54.6263, 0.2248,
0.3287

 75.9235, 0.3407,
0.3291

 54.6105, 0.2246,
0.3287

 75.9268, 0.3407,
0.3291

Harmonies

Analogous

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



63.8656, 0.2975, 0.3450



63.8656, 0.2845, 0.3289



63.8656, 0.2790, 0.3134

Triad

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



63.8656, 0.2845, 0.3289



63.8656, 0.3099, 0.3033



63.8656, 0.3440, 0.3549

Complementary

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



63.8656, 0.2845, 0.3289



48.9474, 0.3496, 0.3291

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.



63.8656, 0.3477, 0.3431



63.8656, 0.2845, 0.3289



63.8656, 0.3277, 0.3137

Square

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



63.8656, 0.2845, 0.3289



63.8656, 0.2933, 0.2993



63.8656, 0.3417, 0.3281



63.8656, 0.3318, 0.3601

Rectangle

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



63.8656, 0.2845, 0.3289



63.8656, 0.2801, 0.3056



63.8656, 0.3417, 0.3281



63.8656, 0.3463, 0.3516

Sweetspot

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



63.8682, 0.2845, 0.3289



97.2099, 0.3034, 0.3290



61.9989, 0.3103, 0.3805



20.7449, 0.3024, 0.3290



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.



63.8682, 0.2845, 0.3289



90.5117, 0.2786, 0.3289



53.9524, 0.2831, 0.3037



14.8289, 0.2982, 0.3290



33.0538, 0.2246, 0.3287



2.1416, 0.2246, 0.3287

Inverse Universe

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



50.8176, 0.3149, 0.2824



68.1168, 0.3154, 0.2716



57.5996, 0.3452, 0.3531



13.2748, 0.3138, 0.3060



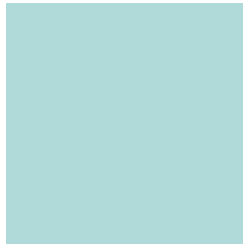
11.9606, 0.3210, 0.1542



0.7749, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 63.8656, 0.2845, 0.3289 looks on a white background.

Color Contrast Check

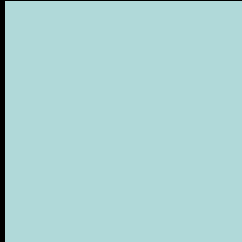
Large Text (above 18pt) WCAG AA × Fail

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 63.8656, 0.2845, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

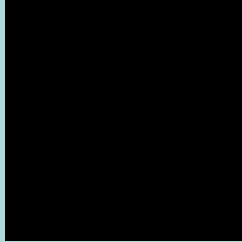
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

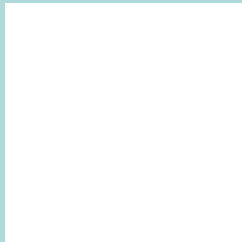
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8656, 0.2845, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 63.8656, 0.2845, 0.3289.

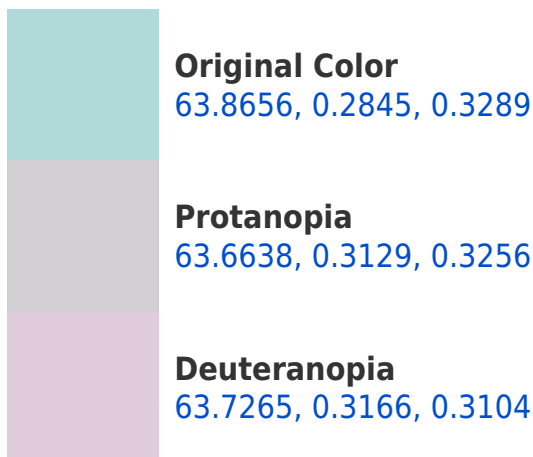


This preview shows how white text looks on a background with the Yxy color 63.8656, 0.2845, 0.3289.

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

64.0108, 0.2774, 0.3090

Trichromacy



Original Color

63.8656, 0.2845, 0.3289

Protanomaly

63.3984, 0.3019, 0.3266

Deuteranomaly

63.4916, 0.3044, 0.3165

Tritanomaly

64.1228, 0.2798, 0.3159

Monochromacy



Original Color

63.8656, 0.2845, 0.3289

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6737, 0.3017, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8656, 0.2845, 0.3289 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(176, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(176, 217, 217)  
}
```

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(176, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 217, 217) }
```

Border

The CSS property to change the border of an element to Yxy 63.8656, 0.2845, 0.3289 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(176, 217, 217) }
```

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

```
.border{ border-color:rgb(176, 217, 217) }
```

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

Here you see how a box with a 4 pixel rgb(176, 217, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(176, 217,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8656, 0.2845, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 217, 217) }
```

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

```
.background{ background-color: rgb(176,  
217, 217) }
```

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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