

Converting Colors

$Yxy(64.1193, 0.2859, 0.3407)$

Have a look what the booklet for
Yxy(64.1193, 0.2859, 0.3407)
contains.

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Color

Yxy(63.9741, 0.2856, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	ABDBD2
RGB	171, 219, 210
RGB Percent	67%, 86%, 82%
CMY	0.3295, 0.1411, 0.1765
CMYK	0.22, 0.00, 0.04, 0.14
HSL	169°, 40%, 76%
HSV	169°, 22%, 86%
XYZ	53.7541, 63.9741, 70.4863
YIQ	203.6220, -25.7190, -12.9750

Conversions

Conversions Part 2

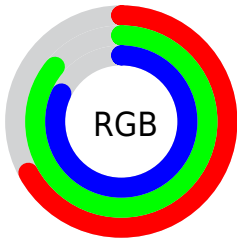
Format	Color
RYB	171, 197, 219
Decimal	11262930
CIELab	83.95, -17.34, -0.68
CIELCh	84, 17.356, 182.250
Yxy	63.9741, 0.2856, 0.3399
Android (android.graphics.Color)	4289453010 (0xFFABDBD2)
YUV	203.6220, 3.1444, -28.6095
Hunter-Lab	79.9838, -20.0087, 3.7389

Details

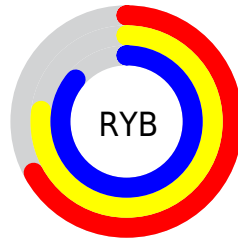
The Yxy color **63.9741, 0.2856, 0.3399** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4722, 0.3489, 0.3184**, and the grayscale version is **60.1227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **32.8028, 0.2788, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **61.5160, 0.2745, 0.3456**, and if you desaturate by 10%, it is **66.8502, 0.2976, 0.3347**.

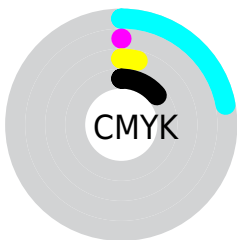
Distribution



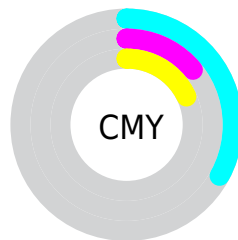
- Red (67%)
- Green (86%)
- Blue (82%)



- Red (67%)
- Yellow (77%)
- Blue (86%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)





- Cyan (33%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9741, 0.2856, 0.3399 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 63.9741, 0.2856, 0.3399 by changing the saturation by 10% instead.

 63.9741, 0.2856,
0.3399

 63.9741, 0.2856,
0.3399


439.0961, 0.2984,
0.3348

 46.6297, 0.2826,
0.3411


 110.5736, 0.2901,
0.3381

 32.7430, 0.2789,
0.3426


140.5976, 0.2918,
0.3374

 21.9297, 0.2741,
0.3445


175.6168, 0.2933,
0.3368

 13.8052, 0.2677,
0.3470

216.0157, 0.2946,
0.3363

 7.9853, 0.2589,
0.3504

262.1787, 0.2957,
0.3359

 4.0856, 0.2458,
0.3555

314.4901, 0.2967,

 1.7215, 0.2243,

0.3355

0.3638

373.3345, 0.2976,
0.3351

0.4375, 0.0000,
0.4550

0.0000, 0.0000,
0.0000

63.9741, 0.2856,
0.3399

63.9741, 0.2856,
0.3399

61.5160, 0.2745,
0.3456

66.8502, 0.2976,
0.3347

59.4478, 0.2647,
0.3517

70.1551, 0.3102,
0.3299

57.7505, 0.2563,
0.3580

73.9090, 0.3232,
0.3256

56.4001, 0.2497,
0.3647


77.4435, 0.3338,
0.3216

 55.3697, 0.2450,
0.3715


 77.6724, 0.3309,
0.3176

 54.6287, 0.2423,
0.3783


 77.9067, 0.3280,
0.3135

 54.1401, 0.2414,
0.3851

 78.1465, 0.3252,
0.3095

 53.8801, 0.2418,
0.3905

 78.3918, 0.3224,
0.3055

 78.6426, 0.3197,
0.3016

Harmonies

Analogous

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



63.9741, 0.3050, 0.3578



63.9741, 0.2856, 0.3399



63.9741, 0.2736, 0.3194

Triad

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



63.9741, 0.2856, 0.3399



63.9741, 0.2976, 0.2937



63.9741, 0.3554, 0.3536

Complementary

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



63.9741, 0.2856, 0.3399



47.4722, 0.3489, 0.3184

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.



63.9741, 0.3534, 0.3363



63.9741, 0.2856, 0.3399



63.9741, 0.3194, 0.3026

Square

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



63.9741, 0.2856, 0.3399



63.9741, 0.2803, 0.2935



63.9741, 0.3401, 0.3179



63.9741, 0.3455, 0.3652

Rectangle

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



63.9741, 0.2856, 0.3399



63.9741, 0.2712, 0.3075



63.9741, 0.3401, 0.3179



63.9741, 0.3561, 0.3483

Sweetspot

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



63.9767, 0.2856, 0.3399



96.5565, 0.3037, 0.3323



63.3811, 0.3167, 0.3887



20.6067, 0.3029, 0.3326



0.0000, 0.0000, 0.0000



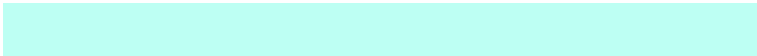
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9767, 0.2856, 0.3399



88.7451, 0.2807, 0.3423



57.2413, 0.2790, 0.3112



14.7855, 0.3007, 0.3334



31.9600, 0.2415, 0.3895



2.0816, 0.2385, 0.3785

Inverse Universe

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



47.4722, 0.3489, 0.3184



61.7498, 0.3582, 0.3162



52.8601, 0.3535, 0.3461



13.0912, 0.3262, 0.3246



9.0371, 0.6097, 0.3133



0.5974, 0.5655, 0.2889

Previews

White Background



This preview shows how the Yxy color 63.9741, 0.2856, 0.3399 looks on a white background.

Color Contrast Check

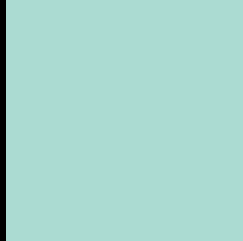
Large Text (above 18pt) WCAG AA × Fail

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 63.9741, 0.2856, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

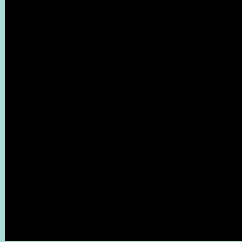
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

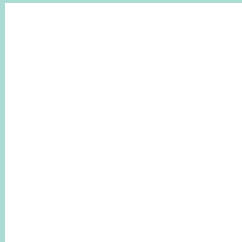
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9741, 0.2856, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 63.9741, 0.2856, 0.3399.



This preview shows how white text looks on a background with the Yxy color 63.9741, 0.2856, 0.3399.

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

63.9741, 0.2856, 0.3399

Protanopia

63.7675, 0.3201, 0.3336

Deuteranopia

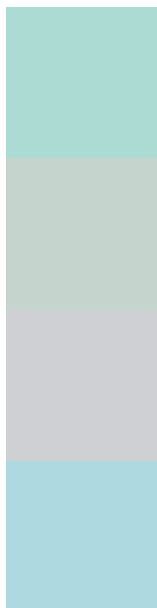
63.3760, 0.3241, 0.3170



Tritanopia

64.2250, 0.2750, 0.3090

Trichromacy



Original Color

63.9741, 0.2856, 0.3399

Protanomaly

63.5490, 0.3065, 0.3360

Deuteranomaly

63.1306, 0.3092, 0.3244

Tritanomaly

64.0606, 0.2785, 0.3194

Monochromacy



Original Color

63.9741, 0.2856, 0.3399

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.2636, 0.3022, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9741, 0.2856, 0.3399 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(171, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(171, 219, 210)  
}
```

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(171, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 219, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.9741, 0.2856, 0.3399 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(171, 219, 210) }
```

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

```
.border{ border-color:rgb(171, 219, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 219, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(171, 219,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9741, 0.2856, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 219, 210) }
```

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

```
.background{ background-color: rgb(171,  
219, 210) }
```

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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