

Converting Colors

$Yxy(67.0813, 0.2827, 0.3339)$

Have a look what the booklet for
Yxy(67.0813, 0.2827, 0.3339)
contains.

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Color

Yxy(66.8885, 0.2825, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	AEDFDB
RGB	174, 223, 219
RGB Percent	68%, 87%, 86%
CMY	0.3177, 0.1255, 0.1412
CMYK	0.22, 0.00, 0.02, 0.13
HSL	175°, 43%, 78%
HSV	175°, 22%, 87%
XYZ	56.6257, 66.8885, 76.9308
YIQ	207.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

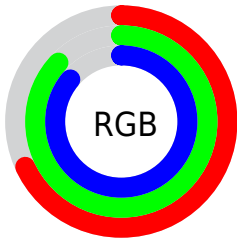
Format	Color
RYB	174, 200, 223
Decimal	11460571
CIELab	85.45, -16.55, -3.22
CIELCh	85, 16.863, 191.018
Yxy	66.8885, 0.2825, 0.3337
Android (android.graphics.Color)	4289650651 (0xFFAEDFDB)
YUV	207.8930, 5.4758, -29.7242
Hunter-Lab	81.7854, -19.5365, 1.4791

Details

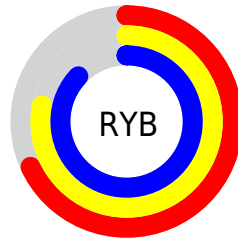
The Yxy color **66.8885, 0.2825, 0.3337** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1736, 0.3537, 0.3244**, and the grayscale version is **62.9808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **34.6787, 0.2750, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **64.4432, 0.2703, 0.3361**, and if you desaturate by 10%, it is **69.7656, 0.2958, 0.3315**.

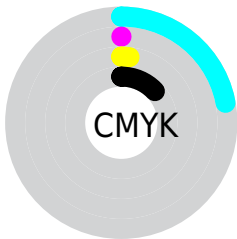
Distribution



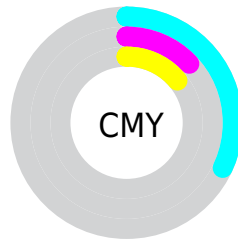
- Red (68%)
- Green (87%)
- Blue (86%)



- Red (68%)
- Yellow (78%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (32%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8885, 0.2825, 0.3337 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 66.8885, 0.2825, 0.3337 by changing the saturation by 10% instead.


 66.8885, 0.2825,
0.3337

 66.8885, 0.2825,
0.3337


449.5478, 0.2966,
0.3316

 48.9940, 0.2792,
0.3342

 114.7606, 0.2874,
0.3330

 34.6147, 0.2752,
0.3347

145.5071, 0.2893,
0.3327

 23.3663, 0.2701,
0.3354


181.3063, 0.2910,
0.3325

 14.8642, 0.2633,
0.3362

222.5427, 0.2924,
0.3323

 8.7241, 0.2540,
0.3373

269.6006, 0.2936,
0.3321

 4.5617, 0.2404,
0.3387

322.8645, 0.2947,

 1.9925, 0.2189,

0.3319

0.3404

382.7188, 0.2957,
0.3318

0.6031, 0.1023,
0.3646

0.0000, 0.0000,
0.0000

66.8885, 0.2825,
0.3337

66.8885, 0.2825,
0.3337

64.4432, 0.2703,
0.3361

69.7656, 0.2958,
0.3315

62.4004, 0.2595,
0.3387

73.0857, 0.3099,
0.3294

60.7401, 0.2503,
0.3414

76.8700, 0.3244,
0.3275

59.4374, 0.2429,
0.3441

79.5479, 0.3334,
0.3258

■ 58.4642, 0.2375,
0.3469

■ 79.6492, 0.3321,
0.3239

■ 57.7884, 0.2340,
0.3497

■ 79.7516, 0.3308,
0.3221

■ 57.3714, 0.2322,
0.3525

■ 79.8550, 0.3296,
0.3203

■ 57.1728, 0.2319,
0.3547

■ 79.9596, 0.3283,
0.3185

■ 80.0652, 0.3271,
0.3167

Harmonies

Analogous

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



66.8885, 0.2994, 0.3521



66.8885, 0.2825, 0.3337



66.8885, 0.2737, 0.3146

Triad

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



66.8885, 0.2825, 0.3337



66.8885, 0.3041, 0.2969



66.8885, 0.3519, 0.3566

Complementary

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



66.8885, 0.2825, 0.3337



49.1736, 0.3537, 0.3244

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.



66.8885, 0.3534, 0.3412



66.8885, 0.2825, 0.3337



66.8885, 0.3253, 0.3074

Square

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



66.8885, 0.2825, 0.3337



66.8885, 0.2858, 0.2941



66.8885, 0.3436, 0.3234



66.8885, 0.3396, 0.3653

Rectangle

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



66.8885, 0.2825, 0.3337



66.8885, 0.2733, 0.3043



66.8885, 0.3436, 0.3234



66.8885, 0.3537, 0.3520

Sweetspot

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



66.8912, 0.2825, 0.3337



96.6763, 0.3026, 0.3304



65.3097, 0.3127, 0.3897



20.6345, 0.3018, 0.3305



0.0000, 0.0000, 0.0000



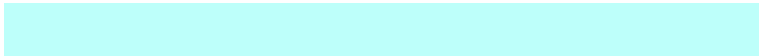
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8912, 0.2825, 0.3337



89.1747, 0.2772, 0.3347



56.8421, 0.2784, 0.3041



15.5519, 0.2993, 0.3309



33.6219, 0.2318, 0.3543



2.3363, 0.2306, 0.3500

Inverse Universe

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



49.1736, 0.3537, 0.3244



61.4279, 0.3640, 0.3235



57.5139, 0.3523, 0.3527



13.7187, 0.3279, 0.3271



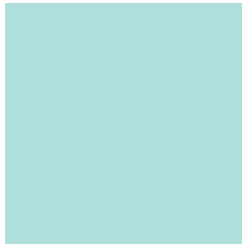
9.2572, 0.6306, 0.3248



0.6481, 0.6059, 0.3111

Previews

White Background



This preview shows how the Yxy color 66.8885, 0.2825, 0.3337 looks on a white background.

Color Contrast Check

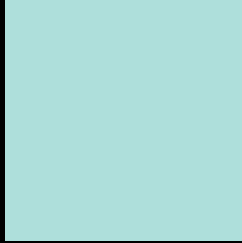
Large Text (above 18pt) WCAG AA × Fail

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 66.8885, 0.2825, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

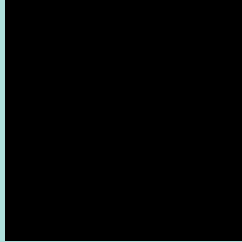
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

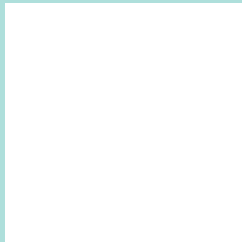
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8885, 0.2825, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 66.8885, 0.2825, 0.3337.

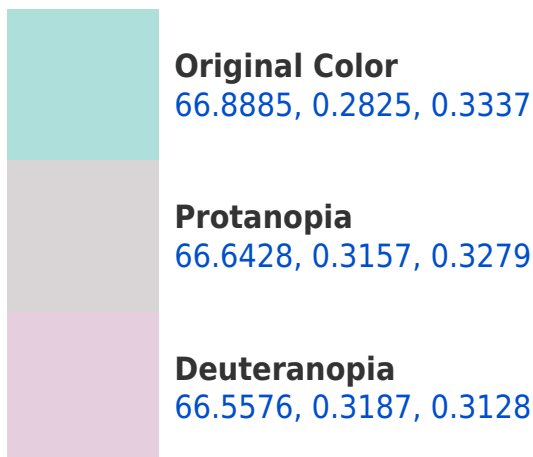


This preview shows how white text looks on a background with the Yxy color 66.8885, 0.2825, 0.3337.

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

66.8244, 0.2738, 0.3081

Trichromacy



Original Color

66.8885, 0.2825, 0.3337

Protanomaly

66.4355, 0.3027, 0.3301

Deuteranomaly

66.3643, 0.3044, 0.3200

Tritanomaly

66.8295, 0.2773, 0.3172

Monochromacy



Original Color

66.8885, 0.2825, 0.3337

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0777, 0.3011, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8885, 0.2825, 0.3337 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, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(174, 223, 219)  
}
```

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, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 223, 219) }
```

Border

The CSS property to change the border of an element to Yxy 66.8885, 0.2825, 0.3337 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, 223, 219) }
```

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

```
.border{ border-color:rgb(174, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(174, 223,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8885, 0.2825, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 223, 219) }
```

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

```
.background{ background-color: rgb(174,  
223, 219) }
```

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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