

Converting Colors

Yxy(66.9561, 0.2852, 0.3322)

Have a look what the booklet for
Yxy(66.9561, 0.2852, 0.3322)
contains.

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Color

Yxy(66.9407, 0.2856, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	B3DEDB
RGB	179, 222, 219
RGB Percent	70%, 87%, 86%
CMY	0.2979, 0.1294, 0.1413
CMYK	0.19, 0.00, 0.01, 0.13
HSL	176°, 39%, 79%
HSV	176°, 19%, 87%
XYZ	57.4985, 66.9407, 76.8862
YIQ	208.8010, -24.6650, -10.0490

Conversions

Conversions Part 2

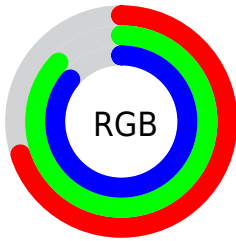
Format	Color
R _Y B	179, 201, 222
Decimal	11787995
CIE Lab	85.47, -14.52, -3.14
CIE LCh	85, 14.852, 192.218
Yxy	66.9407, 0.2856, 0.3325
Android (android.graphics.Color)	4289978075 (0xFFB3DEDB)
YUV	208.8010, 5.0281, -26.1355
Hunter-Lab	81.8173, -17.7363, 1.5555

Details

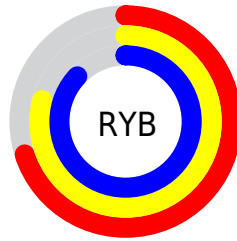
The Yxy color **66.9407, 0.2856, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1603, 0.3481, 0.3256**, and the grayscale version is **63.6060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **34.6777, 0.2788, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **64.4251, 0.2730, 0.3345**, and if you desaturate by 10%, it is **69.8884, 0.2993, 0.3306**.

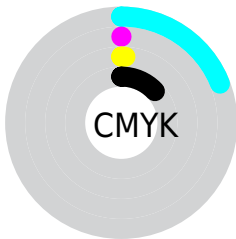
Distribution



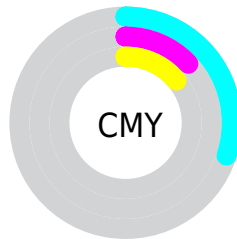
- Red (70%)
- Green (87%)
- Blue (86%)



- Red (70%)
- Yellow (79%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (30%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9407, 0.2856, 0.3325 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 66.9407, 0.2856, 0.3325 by changing the saturation by 10% instead.

■ 66.9407, 0.2856,
0.3325

■ 66.9407, 0.2856,
0.3325

449.7337, 0.2983,
0.3310

■ 49.0364, 0.2827,
0.3328

■ 114.8354, 0.2900,
0.3320

■ 34.6484, 0.2790,
0.3332

145.5947, 0.2917,
0.3318

■ 23.3921, 0.2744,
0.3337

181.4078, 0.2932,
0.3316

■ 14.8833, 0.2683,
0.3343

222.6590, 0.2945,
0.3314

■ 8.7375, 0.2600,
0.3351

269.7328, 0.2956,
0.3313

■ 4.5704, 0.2477,
0.3360

323.0136, 0.2966,

■ 1.9975, 0.2282,

0.3312

382.8857, 0.2975,
0.3311

0.3371

0.6060, 0.1298,
0.3550

0.0000, 0.0000,
0.0000

66.9407, 0.2856,
0.3325

66.9407, 0.2856,
0.3325

64.4251, 0.2730,
0.3345

69.8884, 0.2993,
0.3306

62.3131, 0.2617,
0.3367


73.2790, 0.3137,
0.3289


60.5853, 0.2519,
0.3390

77.1331, 0.3285,
0.3273


59.2178, 0.2440,
0.3413

78.9529, 0.3342,
0.3258


 58.1836, 0.2379,
0.3437


 79.0389, 0.3331,
0.3243

 57.4523, 0.2338,
0.3461


 79.1258, 0.3321,
0.3227


 56.9877, 0.2316,
0.3485

 79.2134, 0.3310,
0.3212

 56.7305, 0.2309,
0.3508

 79.3017, 0.3299,
0.3196

 56.7164, 0.2308,
0.3509

 79.3909, 0.3288,
0.3181

Harmonies

Analogous

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



66.9407, 0.3003, 0.3487



66.9407, 0.2856, 0.3325



66.9407, 0.2781, 0.3158

Triad

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



66.9407, 0.2856, 0.3325



66.9407, 0.3059, 0.3008



66.9407, 0.3469, 0.3539

Complementary

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



66.9407, 0.2856, 0.3325



51.1603, 0.3481, 0.3256

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.



66.9407, 0.3487, 0.3405



66.9407, 0.2856, 0.3325



66.9407, 0.3246, 0.3104

Square

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



66.9407, 0.2856, 0.3325



66.9407, 0.2895, 0.2981



66.9407, 0.3404, 0.3247



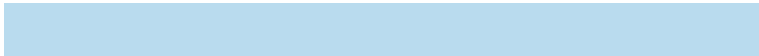
66.9407, 0.3358, 0.3610

Rectangle

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



66.9407, 0.2856, 0.3325



66.9407, 0.2780, 0.3068



66.9407, 0.3404, 0.3247



66.9407, 0.3486, 0.3499

Sweetspot

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



66.9435, 0.2856, 0.3325



97.1435, 0.3040, 0.3300



65.5187, 0.3127, 0.3816



20.7291, 0.3030, 0.3301



0.0000, 0.0000, 0.0000



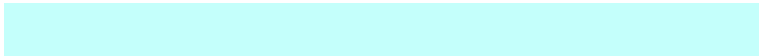
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9435, 0.2856, 0.3325



90.2590, 0.2806, 0.3333



58.0920, 0.2825, 0.3074



15.5548, 0.2991, 0.3306



33.6946, 0.2307, 0.3506



2.3406, 0.2297, 0.3470

Inverse Universe

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



51.1603, 0.3481, 0.3256



65.0910, 0.3570, 0.3249



58.6876, 0.3469, 0.3497



13.7161, 0.3281, 0.3274



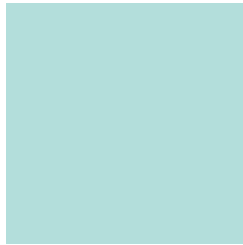
9.2519, 0.6321, 0.3256



0.6469, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 66.9407, 0.2856, 0.3325 looks on a white background.

Color Contrast Check

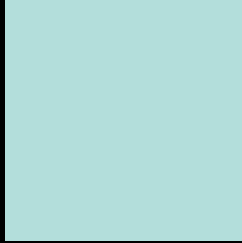
Large Text (above 18pt) WCAG AA × Fail

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 66.9407, 0.2856, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

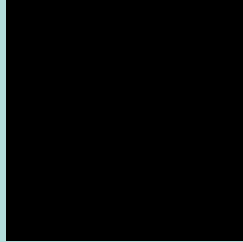
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

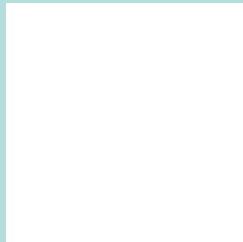
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9407, 0.2856, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 66.9407, 0.2856, 0.3325.

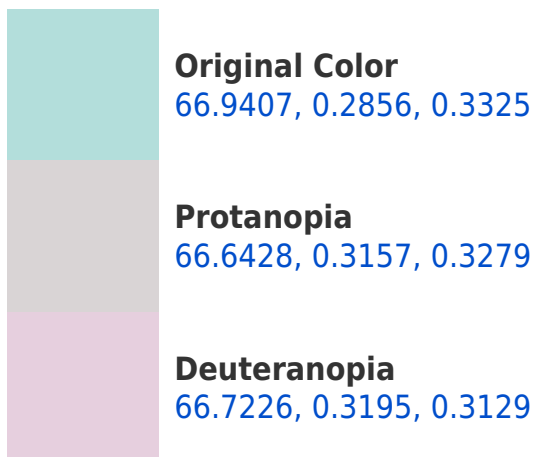


This preview shows how white text looks on a background with the Yxy color 66.9407, 0.2856, 0.3325.

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

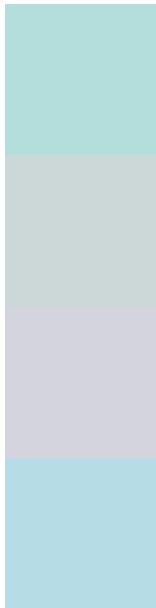




Tritanopia

66.8447, 0.2774, 0.3083

Trichromacy



Original Color

66.9407, 0.2856, 0.3325

Protanomaly

66.7145, 0.3041, 0.3301

Deuteranomaly

66.1563, 0.3059, 0.3189

Tritanomaly

66.8447, 0.2809, 0.3173

Monochromacy



Original Color

66.9407, 0.2856, 0.3325

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.9030, 0.3019, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9407, 0.2856, 0.3325 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(179, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(179, 222, 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(179, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 222, 219) }
```

Border

The CSS property to change the border of an element to Yxy 66.9407, 0.2856, 0.3325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

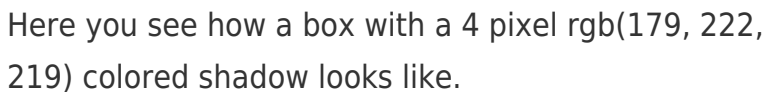
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 222, 219) }
```

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

```
.border{ border-color:rgb(179, 222, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 222, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 222, 219); box-shadow:4px 4px 4px 4px rgb(179, 222, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9407, 0.2856, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 222, 219) }
```

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

```
.background{ background-color: rgb(179,  
222, 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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