

Converting Colors

$Yxy(66.7131, 0.2873, 0.3390)$

Have a look what the booklet for
Yxy(66.7131, 0.2873, 0.3390)
contains.

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Color

Yxy(66.4447, 0.2873, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	B1DED6
RGB	177, 222, 214
RGB Percent	69%, 87%, 84%
CMY	0.3057, 0.1294, 0.1609
CMYK	0.20, 0.00, 0.04, 0.13
HSL	169°, 41%, 78%
HSV	169°, 20%, 87%
XYZ	56.3946, 66.4447, 73.4523
YIQ	207.6330, -24.2520, -12.0280

Conversions

Conversions Part 2

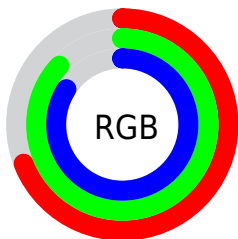
Format	Color
RYB	177, 202, 222
Decimal	11656918
CIELab	85.22, -16.16, -0.88
CIELCh	85, 16.180, 183.133
Yxy	66.4447, 0.2873, 0.3385
Android (android.graphics.Color)	4289846998 (0xFFB1DED6)
YUV	207.6330, 3.1389, -26.8651
Hunter-Lab	81.5136, -19.1550, 3.6330

Details

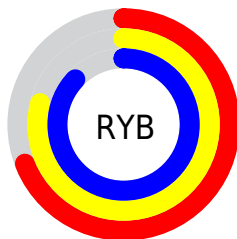
The Yxy color **66.4447, 0.2873, 0.3385** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4967, 0.3459, 0.3198**, and the grayscale version is **62.8231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **34.4257, 0.2817, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **63.8483, 0.2760, 0.3438**, and if you desaturate by 10%, it is **69.4756, 0.2995, 0.3336**.

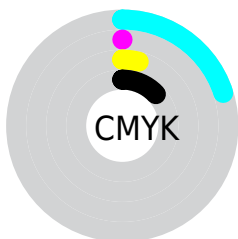
Distribution



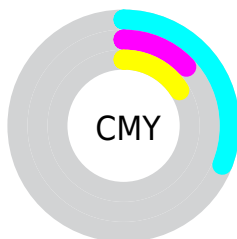
- Red (69%)
- Green (87%)
- Blue (84%)



- Red (69%)
- Yellow (79%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4447, 0.2873, 0.3385 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 66.4447, 0.2873, 0.3385 by changing the saturation by 10% instead.

 66.4447, 0.2873,
0.3385

 66.4447, 0.2873,
0.3385


447.9656, 0.2992,
0.3341

 48.6335, 0.2845,
0.3395


 114.1244, 0.2915,
0.3370

 34.3288, 0.2811,
0.3408


144.7616, 0.2931,
0.3364

 23.1463, 0.2767,
0.3424


180.4430, 0.2945,
0.3359

 14.7016, 0.2709,
0.3445

221.5529, 0.2957,
0.3354

 8.6102, 0.2629,
0.3474

268.4757, 0.2967,
0.3350

 4.4878, 0.2511,
0.3516

321.5958, 0.2977,

 1.9500, 0.2320,

0.3347

381.2977, 0.2985,
0.3344

0.3583

0.5782, 0.1089,
0.4058

0.0000, 0.0000,
0.0000

66.4447, 0.2873,
0.3385

66.4447, 0.2873,
0.3385

63.8483, 0.2760,
0.3438

69.4756, 0.2995,
0.3336

61.6577, 0.2658,
0.3495

72.9519, 0.3124,
0.3291

59.8534, 0.2571,
0.3556

76.8943, 0.3256,
0.3251

58.4110, 0.2501,
0.3618

79.2048, 0.3311,
0.3213

■ 57.3035, 0.2450,
0.3682

■ 79.4297, 0.3283,
0.3173

■ 56.4998, 0.2419,
0.3747

■ 79.6598, 0.3257,
0.3135

■ 55.9632, 0.2406,
0.3812

■ 79.8950, 0.3230,
0.3096

■ 55.6342, 0.2410,
0.3874

■ 80.1354, 0.3203,
0.3058

■ 80.3809, 0.3177,
0.3020

Harmonies

Analogous

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



66.4447, 0.3050, 0.3550



66.4447, 0.2873, 0.3385



66.4447, 0.2765, 0.3197

Triad

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



66.4447, 0.2873, 0.3385



66.4447, 0.2994, 0.2966



66.4447, 0.3518, 0.3522

Complementary

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



66.4447, 0.2873, 0.3385



50.4967, 0.3459, 0.3198

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.



66.4447, 0.3504, 0.3363



66.4447, 0.2873, 0.3385



66.4447, 0.3196, 0.3049

Square

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



66.4447, 0.2873, 0.3385



66.4447, 0.2832, 0.2962



66.4447, 0.3384, 0.3192



66.4447, 0.3425, 0.3625

Rectangle

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



66.4447, 0.2873, 0.3385



66.4447, 0.2744, 0.3088



66.4447, 0.3384, 0.3192



66.4447, 0.3526, 0.3473

Sweetspot

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



66.4474, 0.2873, 0.3385



97.0381, 0.3049, 0.3316



65.7674, 0.3159, 0.3838



20.7041, 0.3040, 0.3319



0.0000, 0.0000, 0.0000



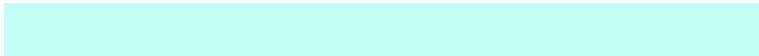
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4474, 0.2873, 0.3385



89.4991, 0.2827, 0.3406



59.6222, 0.2815, 0.3118



15.5282, 0.3006, 0.3332



33.0613, 0.2407, 0.3864



2.3028, 0.2379, 0.3765

Inverse Universe

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



50.4967, 0.3459, 0.3198



64.1491, 0.3541, 0.3179



56.0890, 0.3497, 0.3456



13.7403, 0.3264, 0.3248



9.3254, 0.6122, 0.3146



0.6583, 0.5714, 0.2921

Previews

White Background



This preview shows how the Yxy color 66.4447, 0.2873, 0.3385 looks on a white background.

Color Contrast Check

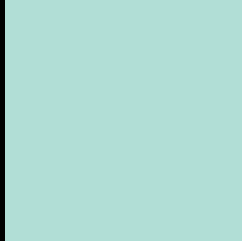
Large Text (above 18pt) WCAG AA × Fail

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 66.4447, 0.2873, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

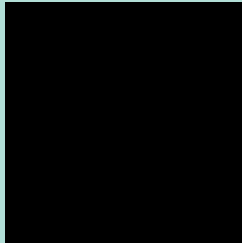
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

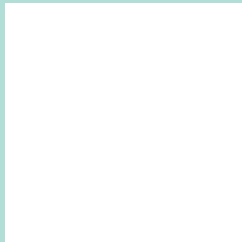
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4447, 0.2873, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 66.4447, 0.2873, 0.3385.

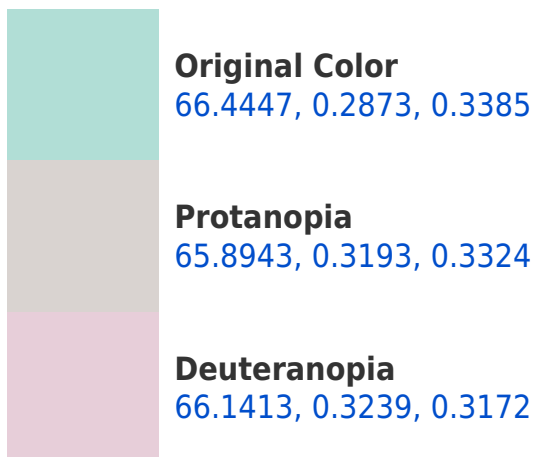


This preview shows how white text looks on a background with the Yxy color 66.4447, 0.2873, 0.3385.

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

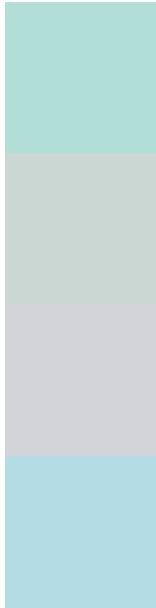




Tritanopia

66.5429, 0.2767, 0.3093

Trichromacy



Original Color

66.4447, 0.2873, 0.3385

Protanomaly

65.8106, 0.3067, 0.3347

Deuteranomaly

65.8937, 0.3093, 0.3245

Tritanomaly

66.4911, 0.2808, 0.3196

Monochromacy



Original Color

66.4447, 0.2873, 0.3385

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.1120, 0.3031, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4447, 0.2873, 0.3385 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(177, 222, 214)` looks like.

```
.text, #text, p{  
    color:rgb(177, 222, 214)  
}
```

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(177, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 222, 214) }
```

Border

The CSS property to change the border of an element to Yxy 66.4447, 0.2873, 0.3385 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(177, 222, 214) }
```

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

```
.border{ border-color:rgb(177, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(177, 222,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4447, 0.2873, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 222, 214) }
```

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

```
.background{ background-color: rgb(177,  
222, 214) }
```

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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