

Converting Colors

Yxy(66.9026, 0.2787, 0.3186)

Have a look what the booklet for
Yxy(66.9026, 0.2787, 0.3186)
contains.

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Color

Yxy(66.8911, 0.2785, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	B2DDE6
RGB	178, 221, 230
RGB Percent	70%, 87%, 90%
CMY	0.3017, 0.1334, 0.0981
CMYK	0.23, 0.04, 0.00, 0.10
HSL	190°, 51%, 80%
HSV	190°, 23%, 90%
XYZ	58.5087, 66.8911, 84.6853
YIQ	209.1690, -28.5170, -6.3170

Conversions

Conversions Part 2

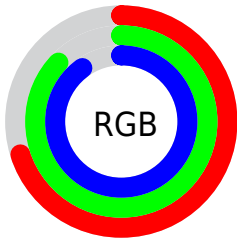
Format	Color
RYB	178, 202, 230
Decimal	11722214
CIELab	85.45, -11.95, -9.02
CIELCh	85, 14.965, 217.042
Yxy	66.8911, 0.2785, 0.3184
Android (android.graphics.Color)	4289912294 (0xFFB2DDE6)
YUV	209.1690, 10.2697, -27.3352
Hunter-Lab	81.7870, -15.4320, -4.1402

Details

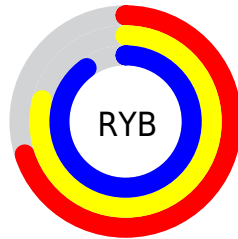
The Yxy color **66.8911, 0.2785, 0.3184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6066, 0.3567, 0.3393**, and the grayscale version is **63.8305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **34.6527, 0.2698, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **62.3160, 0.2644, 0.3131**, and if you desaturate by 10%, it is **71.9778, 0.2934, 0.3234**.

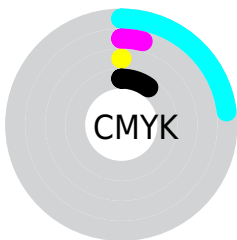
Distribution



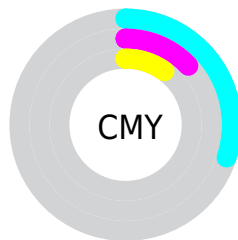
- Red (70%)
- Green (87%)
- Blue (90%)



- Red (70%)
- Yellow (79%)
- Blue (90%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8911, 0.2785, 0.3184 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 66.8911, 0.2785, 0.3184 by changing the saturation by 10% instead.

■ 66.8911, 0.2785,
0.3184

■ 66.8911, 0.2785,
0.3184

449.5570, 0.2944,
0.3236

■ 48.9961, 0.2749,
0.3171

■ 114.7644, 0.2840,
0.3203

■ 34.6164, 0.2703,
0.3156

145.5114, 0.2862,
0.3210

■ 23.3675, 0.2646,
0.3135

181.3113, 0.2880,
0.3216

■ 14.8651, 0.2571,
0.3107

222.5485, 0.2896,
0.3221

■ 8.7248, 0.2469,
0.3067

269.6072, 0.2910,
0.3225

■ 4.5621, 0.2321,
0.3005

322.8719, 0.2923,

■ 1.9927, 0.2090,

0.3229

0.2900

382.7271, 0.2934,
0.3233

0.6032, 0.1275,
0.2730

0.0000, 0.0000,
0.0000

66.8911, 0.2785,
0.3184

66.8911, 0.2785,
0.3184

62.3160, 0.2644,
0.3131

71.9778, 0.2934,
0.3234

58.2212, 0.2513,
0.3074

77.5895, 0.3087,
0.3279

54.5845, 0.2397,
0.3014

83.7489, 0.3242,
0.3320

51.3783, 0.2297,
0.2953

87.5062, 0.3293,
0.3359

■ 48.5720, 0.2215,
0.2890

■ 89.8399, 0.3289,
0.3398

■ 46.1300, 0.2154,
0.2827

■ 92.2252, 0.3284,
0.3436

■ 44.0098, 0.2111,
0.2765

■ 94.6625, 0.3280,
0.3474

■ 42.5944, 0.2089,
0.2719

■ 97.1521, 0.3276,
0.3512

■ 98.4929, 0.3274,
0.3532

Harmonies

Analogous

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



66.8911, 0.2875, 0.3355



66.8911, 0.2785, 0.3184



66.8911, 0.2783, 0.3049

Triad

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



66.8911, 0.2785, 0.3184



66.8911, 0.3215, 0.3082



66.8911, 0.3385, 0.3606

Complementary

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



66.8911, 0.2785, 0.3184



55.6066, 0.3567, 0.3393

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.



66.8911, 0.3482, 0.3521



66.8911, 0.2785, 0.3184



66.8911, 0.3383, 0.3220

Square

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



66.8911, 0.2785, 0.3184



66.8911, 0.3027, 0.2996



66.8911, 0.3482, 0.3379



66.8911, 0.3219, 0.3606

Rectangle

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



66.8911, 0.2785, 0.3184



66.8911, 0.2832, 0.2996



66.8911, 0.3482, 0.3379



66.8911, 0.3427, 0.3586

Sweetspot

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



66.8938, 0.2785, 0.3184



94.8120, 0.3018, 0.3259



69.6385, 0.3045, 0.3813



20.2013, 0.3009, 0.3257



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.



66.8938, 0.2785, 0.3184



81.8181, 0.2719, 0.3160



54.3824, 0.2761, 0.2874



15.8889, 0.2981, 0.3248



24.2758, 0.2091, 0.2729



1.9063, 0.2117, 0.2819

Inverse Universe

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



53.9073, 0.3225, 0.2821



62.9161, 0.3248, 0.2724



67.4683, 0.3506, 0.3674



14.5701, 0.3164, 0.3098



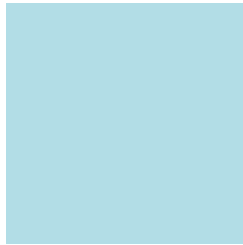
11.6484, 0.3701, 0.1813



0.8721, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 66.8911, 0.2785, 0.3184 looks on a white background.

Color Contrast Check

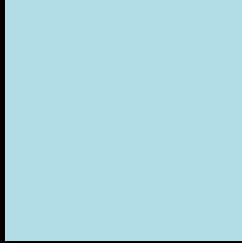
Large Text (above 18pt) WCAG AA × Fail

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 66.8911, 0.2785, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

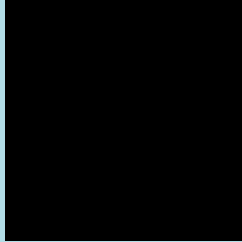
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

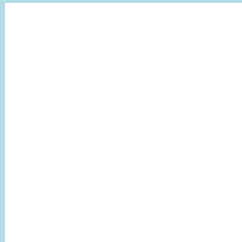
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8911, 0.2785, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 66.8911, 0.2785, 0.3184.

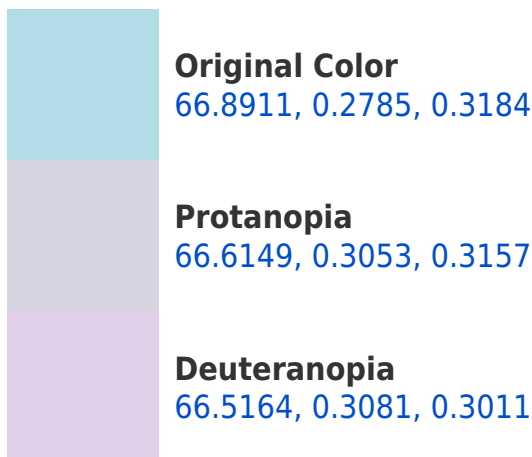


This preview shows how white text looks on a background with the Yxy color 66.8911, 0.2785, 0.3184.

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

67.0041, 0.2756, 0.3093

Trichromacy



Original Color

66.8911, 0.2785, 0.3184

Protanomaly

66.3712, 0.2949, 0.3165

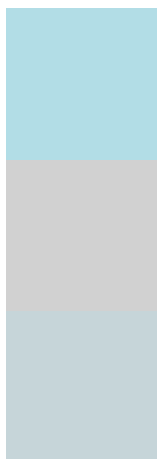
Deuteranomaly

66.3231, 0.2966, 0.3068

Tritanomaly

66.7106, 0.2767, 0.3127

Monochromacy



Original Color

66.8911, 0.2785, 0.3184

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6040, 0.2993, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8911, 0.2785, 0.3184 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(178, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 221, 230)  
}
```

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(178, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 221, 230) }
```

Border

The CSS property to change the border of an element to Yxy 66.8911, 0.2785, 0.3184 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(178, 221, 230) }
```

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

```
.border{ border-color:rgb(178, 221, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 221, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 221,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8911, 0.2785, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 221, 230) }
```

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

```
.background{ background-color: rgb(178,  
221, 230) }
```

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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