

Converting Colors

$Yxy(65.9721, 0.2899, 0.3260)$

Have a look what the booklet for
Yxy(65.9721, 0.2899, 0.3260)
contains.

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Color

Yxy(65.9281, 0.2893, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	BBDADD
RGB	187, 218, 221
RGB Percent	73%, 85%, 87%
CMY	0.2668, 0.1451, 0.1332
CMYK	0.15, 0.01, 0.00, 0.13
HSL	185°, 33%, 80%
HSV	185°, 15%, 87%
XYZ	58.6140, 65.9281, 78.0642
YIQ	209.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

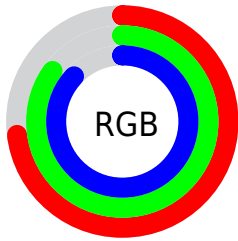
Format	Color
RYB	187, 203, 221
Decimal	12311261
CIELab	84.96, -9.58, -4.93
CIELCh	85, 10.778, 207.249
Yxy	65.9281, 0.2893, 0.3254
Android (android.graphics.Color)	4290501341 (0xFFBBDADD)
YUV	209.0730, 5.8800, -19.3580
Hunter-Lab	81.1961, -13.2373, -0.1658

Details

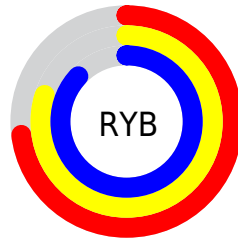
The Yxy color **65.9281, 0.2893, 0.3254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7892, 0.3410, 0.3326**, and the grayscale version is **63.7806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **33.9341, 0.2834, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **62.3431, 0.2750, 0.3228**, and if you desaturate by 10%, it is **69.9597, 0.3044, 0.3278**.

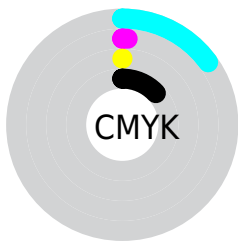
Distribution



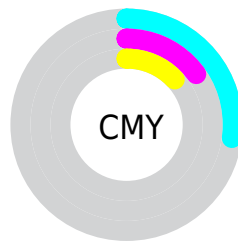
- Red (73%)
- Green (85%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (27%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9281, 0.2893, 0.3254 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 65.9281, 0.2893, 0.3254 by changing the saturation by 10% instead.

 65.9281, 0.2893,
0.3254

 65.9281, 0.2893,
0.3254

446.1197, 0.3003,
0.3272

 48.2140, 0.2868,
0.3250


 113.3831, 0.2931,
0.3261

 33.9964, 0.2836,
0.3244


143.8929, 0.2946,
0.3263

 22.8908, 0.2796,
0.3236


179.4367, 0.2959,
0.3265

 14.5129, 0.2743,
0.3226

220.3989, 0.2970,
0.3267

 8.4783, 0.2670,
0.3211

267.1639, 0.2980,
0.3268

 4.4025, 0.2563,
0.3187

320.1161, 0.2988,

 1.9012, 0.2390,

0.3270

379.6399, 0.2996,
0.3271

0.3145

0.5491, 0.1618,
0.3085

0.0000, 0.0000,
0.0000

65.9281, 0.2893,
0.3254

65.9281, 0.2893,
0.3254

62.3431, 0.2750,
0.3228

69.9597, 0.3044,
0.3278

59.1768, 0.2618,
0.3201

74.4479, 0.3199,
0.3300

56.4109, 0.2500,
0.3172

79.4129, 0.3356,
0.3319

54.0223, 0.2398,
0.3142

80.7974, 0.3366,
0.3339

■ 51.9857, 0.2315,
0.3111

■ 81.8698, 0.3363,
0.3358

■ 50.2724, 0.2250,
0.3081

■ 82.9544, 0.3361,
0.3378

■ 48.8491, 0.2205,
0.3050

■ 84.0514, 0.3358,
0.3397

■ 47.6749, 0.2177,
0.3020

■ 85.1606, 0.3355,
0.3417

■ 47.1871, 0.2168,
0.3006

■ 86.2823, 0.3353,
0.3436

Harmonies

Analogous

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



65.9281, 0.2978, 0.3377



65.9281, 0.2893, 0.3254



65.9281, 0.2870, 0.3144

Triad

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



65.9281, 0.2893, 0.3254



65.9281, 0.3147, 0.3112



65.9281, 0.3343, 0.3505

Complementary

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



65.9281, 0.2893, 0.3254



55.7892, 0.3410, 0.3326

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.



65.9281, 0.3392, 0.3429



65.9281, 0.2893, 0.3254



65.9281, 0.3277, 0.3204

Square

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



65.9281, 0.2893, 0.3254



65.9281, 0.3014, 0.3066



65.9281, 0.3367, 0.3318



65.9281, 0.3237, 0.3525

Rectangle

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



65.9281, 0.2893, 0.3254



65.9281, 0.2892, 0.3093



65.9281, 0.3367, 0.3318



65.9281, 0.3367, 0.3485

Sweetspot

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



65.9308, 0.2893, 0.3254



96.9415, 0.3049, 0.3279



66.0007, 0.3090, 0.3666



20.6602, 0.3038, 0.3277



0.0000, 0.0000, 0.0000



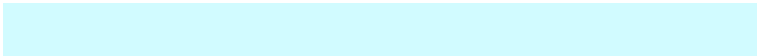
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9308, 0.2893, 0.3254



89.7376, 0.2853, 0.3247



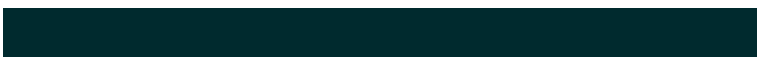
57.6334, 0.2885, 0.3053



14.6215, 0.2982, 0.3269



27.4886, 0.2170, 0.3011



1.8400, 0.2183, 0.3060

Inverse Universe

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



55.9687, 0.3168, 0.2943



73.8703, 0.3176, 0.2880



63.5124, 0.3381, 0.3516



13.2539, 0.3151, 0.3080



11.3988, 0.3445, 0.1671



0.7444, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 65.9281, 0.2893, 0.3254 looks on a white background.

Color Contrast Check

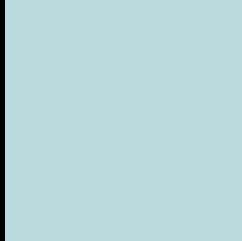
Large Text (above 18pt) WCAG AA × Fail

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 65.9281, 0.2893, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

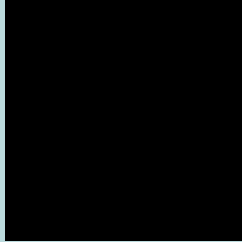
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

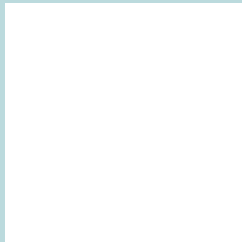
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9281, 0.2893, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 65.9281, 0.2893, 0.3254.

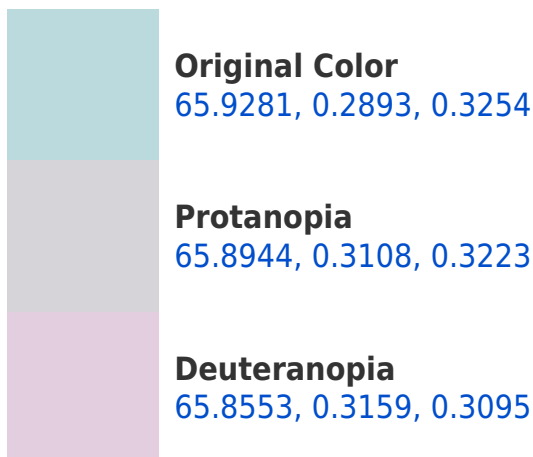


This preview shows how white text looks on a background with the Yxy color 65.9281, 0.2893, 0.3254.

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

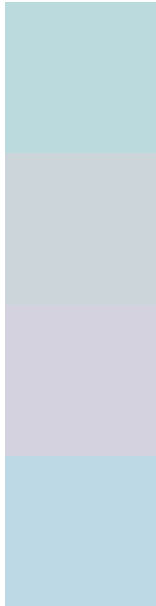




Tritanopia

65.8137, 0.2833, 0.3094

Trichromacy



Original Color

65.9281, 0.2893, 0.3254

Protanomaly

65.9925, 0.3028, 0.3244

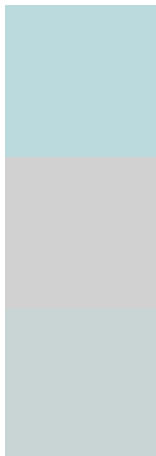
Deuteranomaly

65.4179, 0.3053, 0.3145

Tritanomaly

65.9742, 0.2851, 0.3151

Monochromacy



Original Color

65.9281, 0.2893, 0.3254

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3086, 0.3040, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9281, 0.2893, 0.3254 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(187, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 218, 221)  
}
```

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(187, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 218, 221) }
```

Border

The CSS property to change the border of an element to Yxy 65.9281, 0.2893, 0.3254 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(187, 218, 221) }
```

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

```
.border{ border-color:rgb(187, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 218,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9281, 0.2893, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 218, 221) }
```

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

```
.background{ background-color: rgb(187,  
218, 221) }
```

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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