

Converting Colors

$Yxy(65.6878, 0.2979, 0.3411)$

Have a look what the booklet for
Yxy(65.6878, 0.2979, 0.3411)
contains.

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Color

Yxy(65.9085, 0.2981, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	BCDBD0
RGB	188, 219, 208
RGB Percent	74%, 86%, 82%
CMY	0.2629, 0.1411, 0.1844
CMYK	0.14, 0.00, 0.05, 0.14
HSL	159°, 30%, 80%
HSV	159°, 14%, 86%
XYZ	57.4483, 65.9085, 69.3581
YIQ	208.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

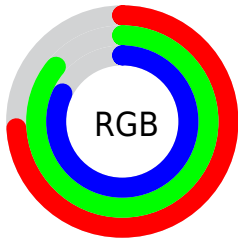
Format	Color
R _{YB}	188, 207, 219
Decimal	12377040
CIE _{Lab}	84.95, -12.38, 1.97
CIE _{LCh}	85, 12.534, 170.973
Yxy	65.9085, 0.2981, 0.3420
Android (android.graphics.Color)	4290567120 (0xFFBCDBD0)
YUV	208.4770, -0.2352, -17.9583
Hunter-Lab	81.1841, -15.7600, 6.1755

Details

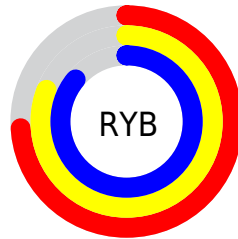
The Yxy color **65.9085, 0.2981, 0.3420** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1392, 0.3299, 0.3164**, and the grayscale version is **63.4087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **33.9523, 0.2938, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **62.9645, 0.2883, 0.3524**, and if you desaturate by 10%, it is **69.2989, 0.3084, 0.3326**.

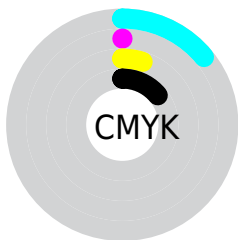
Distribution



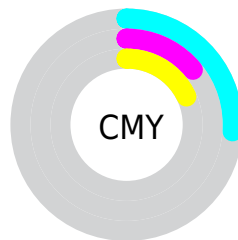
- Red (74%)
- Green (86%)
- Blue (82%)



- Red (74%)
- Yellow (81%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9085, 0.2981, 0.3420 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 65.9085, 0.2981, 0.3420 by changing the saturation by 10% instead.


 65.9085, 0.2981,
0.3420

 65.9085, 0.2981,
0.3420

446.0496, 0.3050,
0.3358

 48.1981, 0.2965,
0.3435


 113.3550, 0.3005,
0.3398

 33.9838, 0.2945,
0.3453


143.8599, 0.3015,
0.3390

 22.8812, 0.2919,
0.3476


179.3985, 0.3023,
0.3383

 14.5058, 0.2884,
0.3507

220.3550, 0.3030,
0.3377

 8.4733, 0.2836,
0.3551

267.1141, 0.3036,
0.3371

 4.3993, 0.2764,
0.3617

320.0599, 0.3041,

 1.8993, 0.2646,

0.3366

0.3728

379.5769, 0.3046,
0.3362

0.5480, 0.1784,
0.4470

0.0000, 0.0000,
0.0000

65.9085, 0.2981,
0.3420

65.9085, 0.2981,
0.3420

62.9645, 0.2883,
0.3524

69.2989, 0.3084,
0.3326

60.4394, 0.2793,
0.3636

73.1454, 0.3188,
0.3242

58.3152, 0.2714,
0.3758

77.4677, 0.3294,
0.3167

56.5694, 0.2649,
0.3887

78.1687, 0.3250,
0.3092

■ 55.1774, 0.2601,
0.4021

■ 78.6388, 0.3197,
0.3017

■ 54.1114, 0.2571,
0.4159

■ 79.1290, 0.3146,
0.2943

■ 53.3390, 0.2563,
0.4297

■ 79.1504, 0.3144,
0.2940

■ 52.8215, 0.2574,
0.4433

■ 52.5998, 0.2586,
0.4511

Harmonies

Analogous

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



65.9085, 0.3132, 0.3527



65.9085, 0.2981, 0.3420



65.9085, 0.2871, 0.3278

Triad

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



65.9085, 0.2981, 0.3420



65.9085, 0.2967, 0.3027



65.9085, 0.3436, 0.3426

Complementary

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



65.9085, 0.2981, 0.3420



55.1392, 0.3299, 0.3164

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.



65.9085, 0.3390, 0.3294



65.9085, 0.2981, 0.3420



65.9085, 0.3116, 0.3068

Square

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



65.9085, 0.2981, 0.3420



65.9085, 0.2862, 0.3053



65.9085, 0.3272, 0.3164



65.9085, 0.3397, 0.3526

Rectangle

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



65.9085, 0.2981, 0.3420



65.9085, 0.2834, 0.3184



65.9085, 0.3272, 0.3164



65.9085, 0.3430, 0.3383

Sweetspot

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



65.9113, 0.2981, 0.3420



97.8853, 0.3085, 0.3325



66.4903, 0.3192, 0.3656



20.8689, 0.3077, 0.3332



0.0000, 0.0000, 0.0000



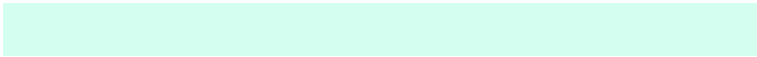
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9113, 0.2981, 0.3420



91.7326, 0.2951, 0.3450



64.3399, 0.2911, 0.3241



14.7469, 0.3029, 0.3374



31.2062, 0.2581, 0.4491



2.0379, 0.2520, 0.4271

Inverse Universe

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



55.1392, 0.3299, 0.3164



73.7210, 0.3342, 0.3136



56.4389, 0.3382, 0.3339



13.1276, 0.3236, 0.3207



9.2733, 0.5545, 0.2828



0.6169, 0.5092, 0.2579

Previews

White Background



This preview shows how the Yxy color 65.9085, 0.2981, 0.3420 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 65.9085, 0.2981, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

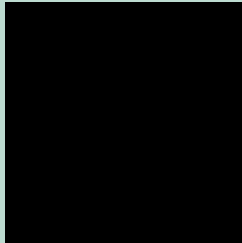
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

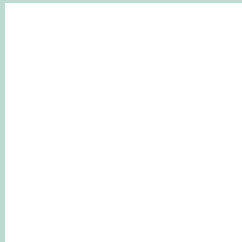
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9085, 0.2981, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 65.9085, 0.2981, 0.3420.



This preview shows how white text looks on a background with the Yxy color 65.9085, 0.2981, 0.3420.

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

65.6335, 0.2858, 0.3095

Trichromacy



Original Color

65.9085, 0.2981, 0.3420

Protanomaly

65.6227, 0.3130, 0.3394

Deuteranomaly

65.3453, 0.3172, 0.3290

Tritanomaly

65.5158, 0.2907, 0.3208

Monochromacy



Original Color

65.9085, 0.2981, 0.3420

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0585, 0.3074, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9085, 0.2981, 0.3420 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(188, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 219, 208)  
}
```

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(188, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 219, 208) }
```

Border

The CSS property to change the border of an element to Yxy 65.9085, 0.2981, 0.3420 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(188, 219, 208) }
```

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

```
.border{ border-color:rgb(188, 219, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(188, 219,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9085, 0.2981, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 219, 208) }
```

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

```
.background{ background-color: rgb(188,  
219, 208) }
```

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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