

Converting Colors

Yxy(64.9787, 0.2935, 0.3325)

Have a look what the booklet for
Yxy(64.9787, 0.2935, 0.3325)
contains.

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Color

Yxy(65.0455, 0.2936, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	BBD9D6
RGB	187, 217, 214
RGB Percent	73%, 85%, 84%
CMY	0.2668, 0.1490, 0.1608
CMYK	0.14, 0.00, 0.01, 0.15
HSL	174°, 28%, 79%
HSV	174°, 14%, 85%
XYZ	57.4357, 65.0455, 73.1444
YIQ	207.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

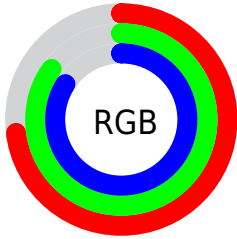
Format	Color
RYB	187, 203, 217
Decimal	12310998
CIELab	84.51, -10.50, -1.87
CIElCh	85, 10.668, 190.110
Yxy	65.0455, 0.2936, 0.3325
Android (android.graphics.Color)	4290501078 (0xFFBBD9D6)
YUV	207.6880, 3.1118, -18.1434
Hunter-Lab	80.6508, -14.0197, 2.6838

Details

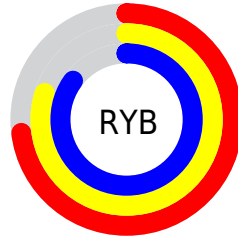
The Yxy color **65.0455, 0.2936, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.9935, 0.3357, 0.3255**, and the grayscale version is **62.8485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **33.3304, 0.2888, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **62.4050, 0.2807, 0.3353**, and if you desaturate by 10%, it is **68.1065, 0.3073, 0.3299**.

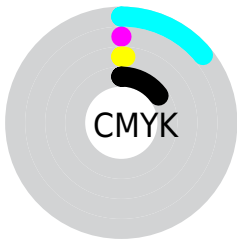
Distribution



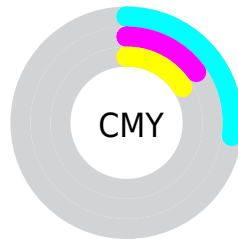
- Red (73%)
- Green (85%)
- Blue (84%)



- Red (73%)
- Yellow (80%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)




- Cyan (27%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0455, 0.2936, 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 65.0455, 0.2936, 0.3325 by changing the saturation by 10% instead.

 65.0455, 0.2936,
0.3325

 65.0455, 0.2936,
0.3325

442.9555, 0.3026,
0.3309

 47.4980, 0.2915,
0.3329


 112.1153, 0.2968,
0.3319

 33.4295, 0.2889,
0.3333

142.4063, 0.2980,
0.3317

 22.4557, 0.2856,
0.3339


177.7140, 0.2990,
0.3315

 14.1921, 0.2811,
0.3346

218.4226, 0.2999,
0.3314

 8.2544, 0.2750,
0.3356

264.9167, 0.3007,
0.3312

 4.2582, 0.2659,
0.3369

317.5806, 0.3014,

 1.8190, 0.2510,

0.3311

0.3390

376.7988, 0.3020,
0.3310

0.4990, 0.1566,
0.3587

0.0000, 0.0000,
0.0000

65.0455, 0.2936,
0.3325

65.0455, 0.2936,
0.3325

62.4050, 0.2807,
0.3353

68.1065, 0.3073,
0.3299

60.1584, 0.2690,
0.3383


71.5971, 0.3215,
0.3276


58.2884, 0.2586,
0.3415


75.5365, 0.3360,
0.3255

56.7734, 0.2499,
0.3448


76.2059, 0.3366,
0.3233

 55.5895, 0.2430,
0.3482


 76.3240, 0.3351,
0.3212

 54.7100, 0.2380,
0.3517


 76.4435, 0.3335,
0.3190


 54.1039, 0.2350,
0.3552

 76.5646, 0.3320,
0.3168

 53.7337, 0.2337,
0.3586

 76.6872, 0.3305,
0.3147

 53.5845, 0.2335,
0.3607

 76.8114, 0.3290,
0.3125

Harmonies

Analogous

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



65.0455, 0.3047, 0.3439



65.0455, 0.2936, 0.3325



65.0455, 0.2876, 0.3204

Triad

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



65.0455, 0.2936, 0.3325



65.0455, 0.3069, 0.3080



65.0455, 0.3378, 0.3466

Complementary

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



65.0455, 0.2936, 0.3325



53.9935, 0.3357, 0.3255

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.



65.0455, 0.3385, 0.3368



65.0455, 0.2936, 0.3325



65.0455, 0.3205, 0.3148

Square

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



65.0455, 0.2936, 0.3325



65.0455, 0.2952, 0.3066



65.0455, 0.3321, 0.3252



65.0455, 0.3303, 0.3520

Rectangle

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



65.0455, 0.2936, 0.3325



65.0455, 0.2872, 0.3136



65.0455, 0.3321, 0.3252



65.0455, 0.3389, 0.3437

Sweetspot

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



65.0482, 0.2936, 0.3325



98.0508, 0.3070, 0.3300



64.2269, 0.3135, 0.3653



20.9109, 0.3060, 0.3302



0.0000, 0.0000, 0.0000



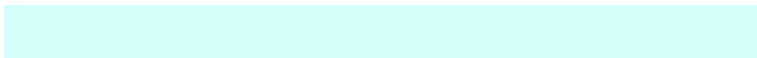
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0482, 0.2936, 0.3325



92.4080, 0.2892, 0.3334



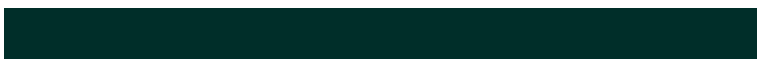
59.4691, 0.2913, 0.3152



14.8059, 0.2996, 0.3313



32.4410, 0.2334, 0.3602



2.1083, 0.2318, 0.3546

Inverse Universe

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



53.9935, 0.3357, 0.3255



73.1301, 0.3423, 0.3247



58.9481, 0.3363, 0.3424



13.0726, 0.3276, 0.3267



8.9717, 0.6278, 0.3232



0.5886, 0.5972, 0.3063

Previews

White Background



This preview shows how the Yxy color 65.0455, 0.2936, 0.3325 looks on a white background.

Color Contrast Check

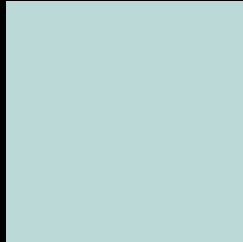
Large Text (above 18pt) WCAG AA × Fail

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 65.0455, 0.2936, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

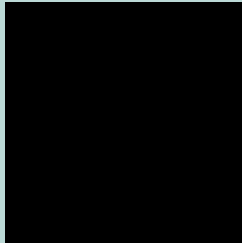
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

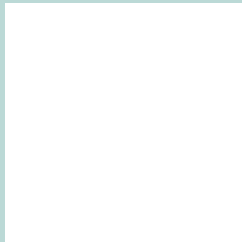
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0455, 0.2936, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 65.0455, 0.2936, 0.3325.



This preview shows how white text looks on a background with the Yxy color 65.0455, 0.2936, 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

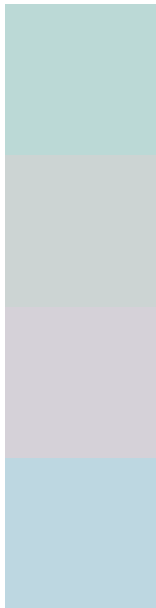




Tritanopia

64.8098, 0.2850, 0.3094

Trichromacy



Original Color

65.0455, 0.2936, 0.3325

Protanomaly

64.6275, 0.3075, 0.3301

Deuteranomaly

64.7049, 0.3109, 0.3211

Tritanomaly

64.8559, 0.2881, 0.3173

Monochromacy



Original Color

65.0455, 0.2936, 0.3325

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5210, 0.3053, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0455, 0.2936, 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(187, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 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(187, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 214) }
```

Border

The CSS property to change the border of an element to Yxy 65.0455, 0.2936, 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(187, 217, 214) }
```

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

```
.border{ border-color:rgb(187, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0455, 0.2936, 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(187, 217, 214) }
```

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

```
.background{ background-color: rgb(187,  
217, 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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