

Converting Colors

Yxy(64.0658, 0.2987, 0.3440)

Have a look what the booklet for
Yxy(64.0658, 0.2987, 0.3440)
contains.

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Color

Yxy(64.2996, 0.2986, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	B9D9CC
RGB	185, 217, 204
RGB Percent	73%, 85%, 80%
CMY	0.2743, 0.1491, 0.1999
CMYK	0.15, 0.00, 0.06, 0.15
HSL	156°, 30%, 79%
HSV	156°, 15%, 85%
XYZ	55.7325, 64.2996, 66.6140
YIQ	205.9500, -14.8990, -10.8270

Conversions

Conversions Part 2

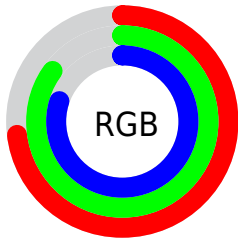
Format	Color
R _{YB}	185, 205, 217
Decimal	12179916
CIE _{Lab}	84.12, -13.06, 2.84
CIE _{LCh}	84, 13.365, 167.738
Yxy	64.2996, 0.2986, 0.3445
Android (android.graphics.Color)	4290369996 (0xFFB9D9CC)
YUV	205.9500, -0.9613, -18.3731
Hunter-Lab	80.1870, -16.2641, 6.8768

Details

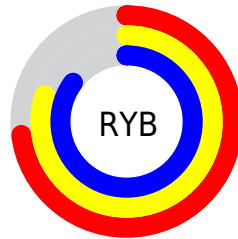
The Yxy color **64.2996, 0.2986, 0.3445** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5526, 0.3294, 0.3140**, and the grayscale version is **61.7101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **32.9482, 0.2953, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **61.3942, 0.2895, 0.3565**, and if you desaturate by 10%, it is **67.6463, 0.3081, 0.3337**.

Distribution



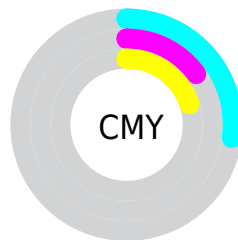
- Red (73%)
- Green (85%)
- Blue (80%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)




- Cyan (27%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2996, 0.2986, 0.3445 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 64.2996, 0.2986, 0.3445 by changing the saturation by 10% instead.


 64.2996, 0.2986,
0.3445

 64.2996, 0.2986,
0.3445


440.2707, 0.3053,
0.3371

 46.8934, 0.2970,
0.3463


 111.0423, 0.3010,
0.3419

 32.9514, 0.2950,
0.3485

141.1476, 0.3019,
0.3409

 22.0892, 0.2925,
0.3513


176.2546, 0.3027,
0.3400

 13.9225, 0.2891,
0.3552

216.7479, 0.3033,
0.3393

 8.0668, 0.2842,
0.3606

263.0117, 0.3039,
0.3386

 4.1377, 0.2770,
0.3688

315.4306, 0.3044,

 1.7509, 0.2648,

0.3381

374.3888, 0.3049,
0.3375

0.3829

0.4563, 0.1321,
0.5248

0.0000, 0.0000,
0.0000

64.2996, 0.2986,
0.3445

64.2996, 0.2986,
0.3445

61.3942, 0.2895,
0.3565

67.6463, 0.3081,
0.3337

58.9029, 0.2811,
0.3695


71.4438, 0.3179,
0.3240


56.8079, 0.2738,
0.3836


75.7118, 0.3276,
0.3154


55.0872, 0.2678,
0.3986


77.1274, 0.3251,
0.3070


 53.7162, 0.2635,
0.4142


 77.6619, 0.3191,
0.2985

 52.6673, 0.2611,
0.4301

 78.0994, 0.3145,
0.2920

 51.9089, 0.2607,
0.4459

 51.4020, 0.2624,
0.4615

 51.2010, 0.2638,
0.4695

Harmonies

Analogous

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



64.2996, 0.3151, 0.3554



64.2996, 0.2986, 0.3445



64.2996, 0.2861, 0.3293

Triad

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



64.2996, 0.2986, 0.3445



64.2996, 0.2940, 0.3007



64.2996, 0.3459, 0.3421

Complementary

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



64.2996, 0.2986, 0.3445



53.5526, 0.3294, 0.3140

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.



64.2996, 0.3400, 0.3278



64.2996, 0.2986, 0.3445



64.2996, 0.3097, 0.3044

Square

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



64.2996, 0.2986, 0.3445



64.2996, 0.2835, 0.3042



64.2996, 0.3266, 0.3142



64.2996, 0.3426, 0.3534

Rectangle

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



64.2996, 0.2986, 0.3445



64.2996, 0.2816, 0.3191



64.2996, 0.3266, 0.3142



64.2996, 0.3449, 0.3375

Sweetspot

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



64.3023, 0.2986, 0.3445



97.8526, 0.3088, 0.3330



65.1803, 0.3206, 0.3669



20.8606, 0.3081, 0.3338



0.0000, 0.0000, 0.0000



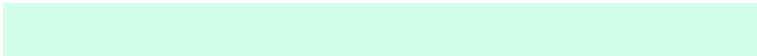
21.4041, 0.3127, 0.3290

Same Dimension

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



64.3023, 0.2986, 0.3445



91.1670, 0.2954, 0.3485



63.5903, 0.2904, 0.3258



14.7354, 0.3036, 0.3387



31.0197, 0.2631, 0.4673



2.0265, 0.2562, 0.4422

Inverse Universe

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



53.5526, 0.3294, 0.3140



72.4970, 0.3340, 0.3103



54.1036, 0.3395, 0.3322



13.1387, 0.3228, 0.3195



9.3774, 0.5342, 0.2717



0.6243, 0.4915, 0.2481

Previews

White Background



This preview shows how the Yxy color 64.2996, 0.2986, 0.3445 looks on a white background.

Color Contrast Check

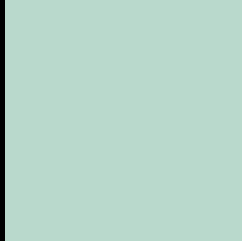
Large Text (above 18pt) WCAG AA × Fail

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 64.2996, 0.2986, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

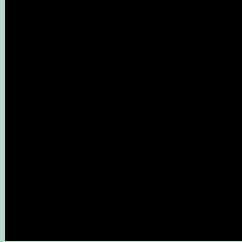
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

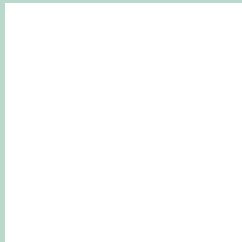
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2996, 0.2986, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 64.2996, 0.2986, 0.3445.

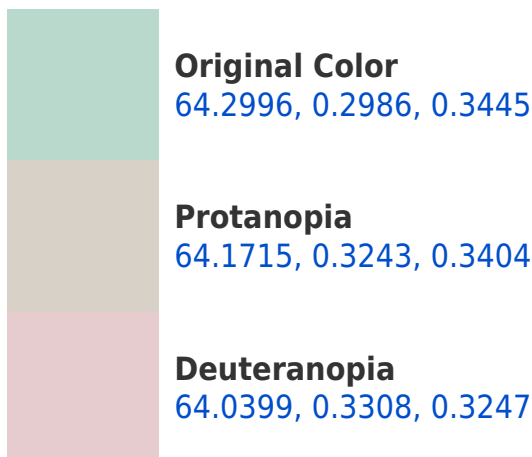


This preview shows how white text looks on a background with the Yxy color 64.2996, 0.2986, 0.3445.

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

64.2488, 0.2856, 0.3093

Trichromacy



Original Color

64.2996, 0.2986, 0.3445

Protanomaly

64.1414, 0.3143, 0.3418

Deuteranomaly

63.8641, 0.3187, 0.3313

Tritanomaly

64.0050, 0.2898, 0.3207

Monochromacy



Original Color

64.2996, 0.2986, 0.3445

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5067, 0.3073, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2996, 0.2986, 0.3445 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(185, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 204)  
}
```

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(185, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 204) }
```

Border

The CSS property to change the border of an element to Yxy 64.2996, 0.2986, 0.3445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

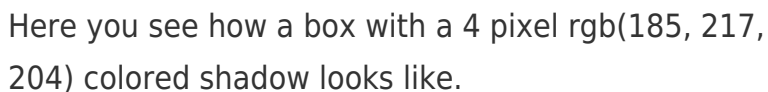
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 217, 204) }
```

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

```
.border{ border-color:rgb(185, 217, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 217, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 217, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 217, 204); box-shadow:4px 4px 4px 4px rgb(185, 217, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2996, 0.2986, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 204) }
```

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

```
.background{ background-color: rgb(185,  
217, 204) }
```

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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