

Converting Colors

$Yxy(65.0874, 0.2996, 0.3556)$

Have a look what the booklet for
Yxy(65.0874, 0.2996, 0.3556)
contains.

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Color

Yxy(65.0874, 0.2996, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	B5DCC6
RGB	181, 220, 198
RGB Percent	71%, 86%, 78%
CMY	0.2903, 0.1372, 0.2234
CMYK	0.18, 0.00, 0.10, 0.14
HSL	146°, 36%, 79%
HSV	146°, 18%, 86%
XYZ	54.8374, 65.0874, 63.1106
YIQ	205.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

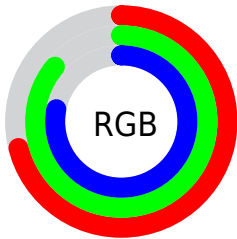
Format	Color
RYB	181, 208, 220
Decimal	11918534
CIELab	84.53, -17.07, 6.57
CIELCh	85, 18.289, 158.944
Yxy	65.0874, 0.2996, 0.3556
Android (android.graphics.Color)	4290108614 (0xFFB5DCC6)
YUV	205.8310, -3.8607, -21.7768
Hunter-Lab	80.6768, -19.8547, 10.0932

Details

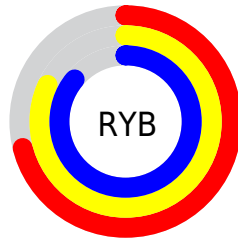
The Yxy color **65.0874, 0.2996, 0.3556** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.5599, 0.3284, 0.3038**, and the grayscale version is **61.6387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **33.5131, 0.2967, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **62.0892, 0.2926, 0.3730**, and if you desaturate by 10%, it is **68.5578, 0.3069, 0.3400**.

Distribution



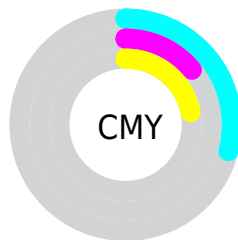
- Red (71%)
- Green (86%)
- Blue (78%)



- Red (71%)
- Yellow (82%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)




- Cyan (29%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0874, 0.2996, 0.3556 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 65.0874, 0.2996, 0.3556 by changing the saturation by 10% instead.

 65.0874, 0.2996,
0.3556

 65.0874, 0.2996,
0.3556

443.1060, 0.3059,
0.3428

 47.5320, 0.2981,
0.3587

 112.1755, 0.3018,
0.3510

 33.4564, 0.2962,
0.3625


142.4769, 0.3027,
0.3493

 22.4763, 0.2937,
0.3675


177.7958, 0.3034,
0.3478

 14.2073, 0.2904,
0.3743

218.5166, 0.3041,
0.3465

 8.2650, 0.2857,
0.3839

265.0236, 0.3046,
0.3454

 4.2650, 0.2784,
0.3987


317.7012, 0.3051,


 1.8229, 0.2659,

0.3444

0.4244


376.9339, 0.3055,
0.3436

 0.5014, 0.0924,
0.7740


 0.0000, 0.0000,
0.0000


 65.0874, 0.2996,
0.3556


 65.0874, 0.2996,
0.3556


 62.0892, 0.2926,
0.3730


 68.5578, 0.3069,
0.3400


 59.5341, 0.2863,
0.3920

 72.5117, 0.3144,
0.3260

 57.4027, 0.2809,
0.4125

 76.9700, 0.3218,
0.3137

 55.6703, 0.2767,
0.4341

 79.2040, 0.3192,
0.3020

■ 54.3102, 0.2742,
0.4563

■ 79.6726, 0.3143,
0.2950

■ 53.2916, 0.2736,
0.4783

■ 52.5791, 0.2749,
0.4995

■ 52.1235, 0.2779,
0.5192

■ 52.0392, 0.2787,
0.5234

Harmonies

Analogous

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



65.0874, 0.3225, 0.3678



65.0874, 0.2996, 0.3556



65.0874, 0.2807, 0.3356

Triad

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



65.0874, 0.2996, 0.3556



65.0874, 0.2822, 0.2911



65.0874, 0.3570, 0.3409

Complementary

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



65.0874, 0.2996, 0.3556



52.5599, 0.3284, 0.3038

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.



65.0874, 0.3454, 0.3215



65.0874, 0.2996, 0.3556



65.0874, 0.3017, 0.2935

Square

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



65.0874, 0.2996, 0.3556



65.0874, 0.2709, 0.2984



65.0874, 0.3249, 0.3044



65.0874, 0.3561, 0.3581

Rectangle

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



65.0874, 0.2996, 0.3556



65.0874, 0.2727, 0.3212



65.0874, 0.3249, 0.3044



65.0874, 0.3544, 0.3344

Sweetspot

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



65.0901, 0.2996, 0.3556



97.2076, 0.3090, 0.3360



67.2366, 0.3266, 0.3748



20.7254, 0.3084, 0.3370



0.0000, 0.0000, 0.0000



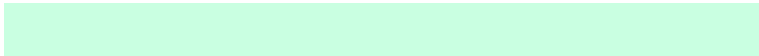
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0901, 0.2996, 0.3556



89.4276, 0.2972, 0.3614



66.0430, 0.2877, 0.3320



14.7003, 0.3057, 0.3425



30.5591, 0.2779, 0.5206



1.9969, 0.2690, 0.4884

Inverse Universe

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



52.5599, 0.3284, 0.3038



69.0473, 0.3320, 0.2987



51.6929, 0.3447, 0.3261



13.1737, 0.3204, 0.3159



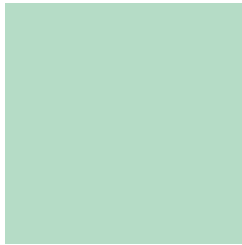
9.8052, 0.4684, 0.2354



0.6524, 0.4379, 0.2186

Previews

White Background



This preview shows how the Yxy color 65.0874, 0.2996, 0.3556 looks on a white background.

Color Contrast Check

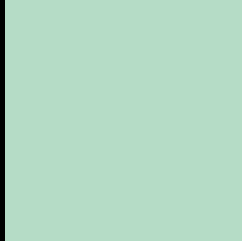
Large Text (above 18pt) WCAG AA × Fail

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 65.0874, 0.2996, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

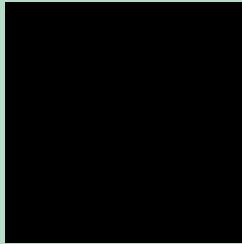
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

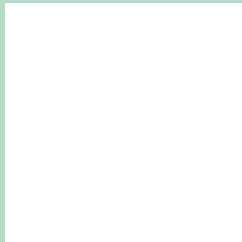
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0874, 0.2996, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 65.0874, 0.2996, 0.3556.

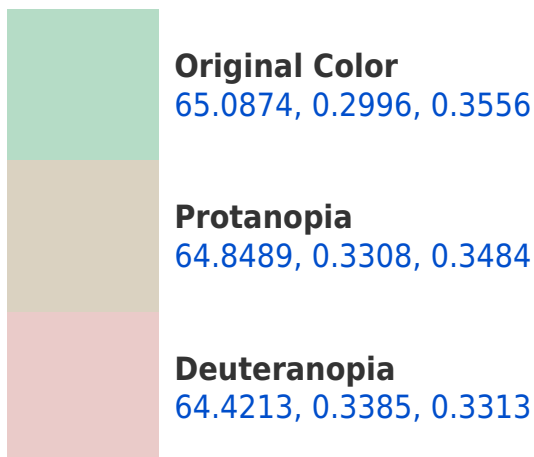


This preview shows how white text looks on a background with the Yxy color 65.0874, 0.2996, 0.3556.

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

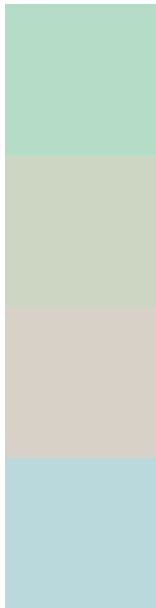




Tritanopia

64.9919, 0.2825, 0.3093

Trichromacy



Original Color

65.0874, 0.2996, 0.3556

Protanomaly

65.0124, 0.3191, 0.3511

Deuteranomaly

64.2181, 0.3236, 0.3393

Tritanomaly

65.1073, 0.2886, 0.3254

Monochromacy



Original Color

65.0874, 0.2996, 0.3556

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.7706, 0.3079, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0874, 0.2996, 0.3556 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(181, 220, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 220, 198)  
}
```

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(181, 220, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 220, 198) }
```

Border

The CSS property to change the border of an element to Yxy 65.0874, 0.2996, 0.3556 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(181, 220, 198) }
```

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

```
.border{ border-color:rgb(181, 220, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 220, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 220, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 220, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 220,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0874, 0.2996, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 220, 198) }
```

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

```
.background{ background-color: rgb(181,  
220, 198) }
```

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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