

Converting Colors

$Yxy(65.8432, 0.3008, 0.3455)$

Have a look what the booklet for
Yxy(65.8432, 0.3008, 0.3455)
contains.

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Color

Yxy(65.8896, 0.3007, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	BDDBCD
RGB	189, 219, 205
RGB Percent	74%, 86%, 80%
CMY	0.2589, 0.1411, 0.1962
CMYK	0.14, 0.00, 0.06, 0.14
HSL	152°, 29%, 80%
HSV	152°, 14%, 86%
XYZ	57.3293, 65.8896, 67.4339
YIQ	208.4340, -13.3860, -10.7140

Conversions

Conversions Part 2

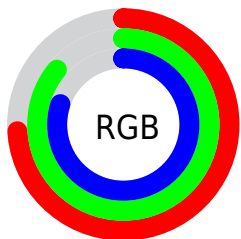
Format	Color
RYB	189, 209, 219
Decimal	12442573
CIELab	84.94, -12.63, 3.56
CIELCh	85, 13.120, 164.274
Yxy	65.8896, 0.3007, 0.3456
Android (android.graphics.Color)	4290632653 (0xFFBDDBCD)
YUV	208.4340, -1.6930, -17.0436
Hunter-Lab	81.1724, -15.9833, 7.5656

Details

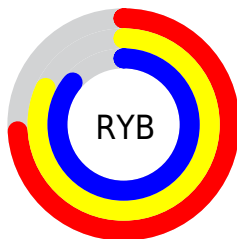
The Yxy color $65.8896, 0.3007, 0.3456$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $55.7595, 0.3266, 0.3130$, and the grayscale version is $63.3882, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1525, 0.3066, 0.3290$, and $33.9362, 0.2972, 0.3495$ is the 20% darker color. If you saturate the color by 10%, you get $62.8219, 0.2923, 0.3593$, and if you desaturate by 10%, it is $69.4182, 0.3094, 0.3332$.

Distribution



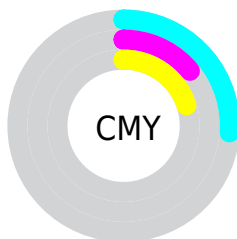
- Red (74%)
- Green (86%)
- Blue (80%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8896, 0.3007, 0.3456 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 65.8896, 0.3007, 0.3456 by changing the saturation by 10% instead.


 65.8896, 0.3007,
0.3456

 65.8896, 0.3007,
0.3456


445.9820, 0.3064,
0.3377

 48.1828, 0.2994,
0.3475


 113.3279, 0.3027,
0.3428

 33.9717, 0.2977,
0.3498

143.8281, 0.3035,
0.3417

 22.8718, 0.2955,
0.3528


179.3616, 0.3041,
0.3408

 14.4989, 0.2926,
0.3569

220.3128, 0.3047,
0.3400

 8.4685, 0.2886,
0.3626

267.0660, 0.3052,
0.3393

 4.3961, 0.2824,
0.3713

320.0057, 0.3057,

 1.8975, 0.2722,

0.3387

0.3860

379.5162, 0.3061,
0.3382

0.5469, 0.1914,
0.4948

0.0000, 0.0000,
0.0000

65.8896, 0.3007,
0.3456

65.8896, 0.3007,
0.3456

62.8219, 0.2923,
0.3593

69.4182, 0.3094,
0.3332

60.1871, 0.2846,
0.3744

73.4175, 0.3183,
0.3222

57.9671, 0.2777,
0.3907

77.9077, 0.3271,
0.3125

56.1392, 0.2722,
0.4081

78.5798, 0.3204,
0.3026

■ 54.6783, 0.2682,
0.4262

■ 79.1504, 0.3144,
0.2940

■ 53.5563, 0.2661,
0.4446

■ 52.7410, 0.2660,
0.4629

■ 52.1932, 0.2679,
0.4807

■ 51.9458, 0.2698,
0.4914

Harmonies

Analogous

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



65.8896, 0.3169, 0.3554



65.8896, 0.3007, 0.3456



65.8896, 0.2879, 0.3311

Triad

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



65.8896, 0.3007, 0.3456



65.8896, 0.2930, 0.3015



65.8896, 0.3448, 0.3402

Complementary

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



65.8896, 0.3007, 0.3456



55.7595, 0.3266, 0.3130

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.



65.8896, 0.3380, 0.3262



65.8896, 0.3007, 0.3456



65.8896, 0.3078, 0.3043

Square

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



65.8896, 0.3007, 0.3456



65.8896, 0.2835, 0.3057



65.8896, 0.3244, 0.3132



65.8896, 0.3426, 0.3518

Rectangle

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



65.8896, 0.3007, 0.3456



65.8896, 0.2829, 0.3211



65.8896, 0.3244, 0.3132



65.8896, 0.3435, 0.3357

Sweetspot

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



65.8924, 0.3007, 0.3456



97.8132, 0.3091, 0.3336



67.1094, 0.3216, 0.3640



20.8506, 0.3085, 0.3345



0.0000, 0.0000, 0.0000



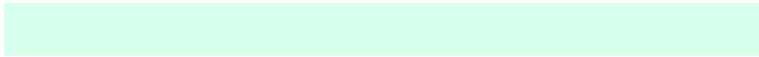
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8924, 0.3007, 0.3456



91.8980, 0.2986, 0.3488



66.3404, 0.2919, 0.3284



14.7216, 0.3044, 0.3401



30.8193, 0.2691, 0.4889



2.0140, 0.2613, 0.4605

Inverse Universe

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



55.7595, 0.3266, 0.3130



75.3534, 0.3295, 0.3100



55.3356, 0.3378, 0.3297



13.1523, 0.3219, 0.3181



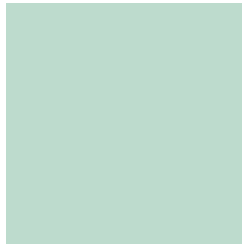
9.5251, 0.5086, 0.2576



0.6344, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 65.8896, 0.3007, 0.3456 looks on a white background.

Color Contrast Check

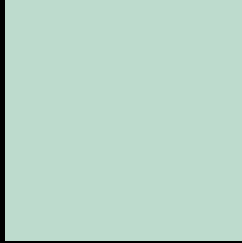
Large Text (above 18pt) WCAG AA × Fail

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 65.8896, 0.3007, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

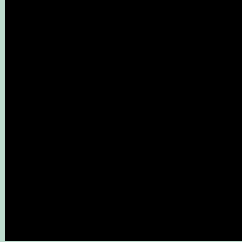
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

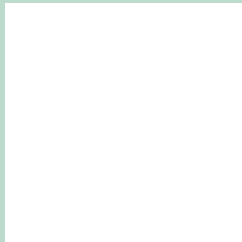
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8896, 0.3007, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 65.8896, 0.3007, 0.3456.

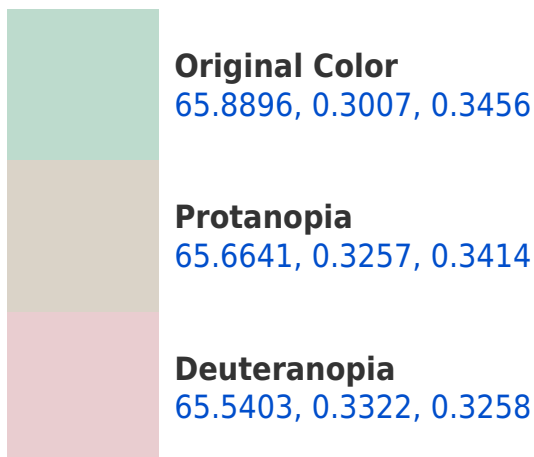


This preview shows how white text looks on a background with the Yxy color 65.8896, 0.3007, 0.3456.

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

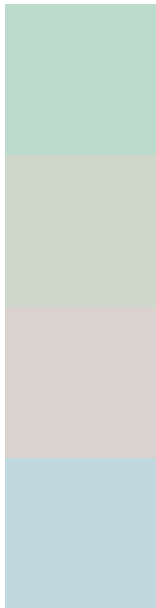




Tritanopia

65.8964, 0.2871, 0.3096

Trichromacy



Original Color

65.8896, 0.3007, 0.3456

Protanomaly

65.6228, 0.3157, 0.3428

Deuteranomaly

65.3499, 0.3201, 0.3324

Tritanomaly

65.5921, 0.2920, 0.3220

Monochromacy



Original Color

65.8896, 0.3007, 0.3456

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0095, 0.3080, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8896, 0.3007, 0.3456 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(189, 219, 205)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 205)  
}
```

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(189, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.8896, 0.3007, 0.3456 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(189, 219, 205) }
```

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

```
.border{ border-color:rgb(189, 219, 205) }
```

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

Here you see how a box with a 4 pixel rgb(189, 219, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8896, 0.3007, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 205) }
```

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

```
.background{ background-color: rgb(189,  
219, 205) }
```

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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