

Converting Colors

Yxy(56.2701, 0.3186, 0.3683)

Have a look what the booklet for
Yxy(56.2701, 0.3186, 0.3683)
contains.

Yxy(56.2701, 0.3186, 0.3683)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.2701, 0.3186, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	B7CCAD
RGB	183, 204, 173
RGB Percent	72%, 80%, 68%
CMY	0.2821, 0.2001, 0.3215
CMYK	0.10, 0.00, 0.15, 0.20
HSL	101°, 23%, 74%
HSV	101°, 15%, 80%
XYZ	48.6768, 56.2701, 47.8365
YIQ	194.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

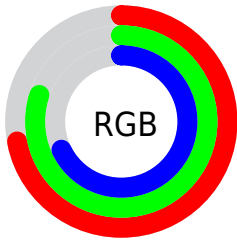
Format	Color
R _{YB}	173, 204, 194
Decimal	12045485
CIE Lab	79.77, -12.76, 13.07
CIE LCh	80, 18.266, 134.292
Yxy	56.2701, 0.3186, 0.3683
Android (android.graphics.Color)	4290235565 (0xFFB7CCAD)
YUV	194.1870, -10.4452, -9.8110
Hunter-Lab	75.0134, -15.4434, 14.6998

Details

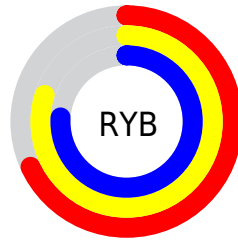
The Yxy color $56.2701, 0.3186, 0.3683$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $45.7113, 0.3058, 0.2908$, and the grayscale version is $54.1372, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4722, 0.3183, 0.3560$, and $27.9390, 0.3195, 0.3789$ is the 20% darker color. If you saturate the color by 10%, you get $53.9337, 0.3222, 0.3973$, and if you desaturate by 10%, it is $58.8973, 0.3148, 0.3417$.

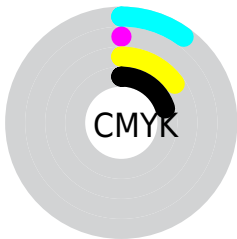
Distribution



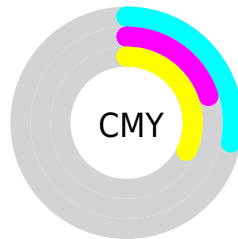
- Red (72%)
- Green (80%)
- Blue (68%)



- Red (68%)
- Yellow (80%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2701, 0.3186, 0.3683 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 56.2701, 0.3186, 0.3683 by changing the saturation by 10% instead.

 56.2701, 0.3186,
0.3683

 56.2701, 0.3186,
0.3683

410.7086, 0.3160,
0.3488

 40.4195, 0.3192,
0.3731


 99.3994, 0.3177,
0.3613

 27.8658, 0.3198,
0.3792


127.4469, 0.3174,
0.3586

 18.2245, 0.3206,
0.3873


160.3288, 0.3171,
0.3564

 11.1113, 0.3216,
0.3985

198.4295, 0.3168,
0.3544

 6.1417, 0.3227,
0.4149

242.1335, 0.3165,
0.3528

 2.9315, 0.3237,
0.4413

291.8251, 0.3163,

 1.0961, 0.3451,

0.3513

0.5280

347.8886, 0.3161,
0.3500

0.0000, 0.0000,
0.0000

56.2701, 0.3186,
0.3683

56.2701, 0.3186,
0.3683

53.9337, 0.3222,
0.3973

58.8973, 0.3148,
0.3417

51.8707, 0.3252,
0.4283

61.8176, 0.3108,
0.3178

50.0727, 0.3275,
0.4604

65.0427, 0.3069,
0.2965

48.5281, 0.3286,
0.4923

68.5813, 0.3032,
0.2776

47.2243, 0.3283,
0.5222

71.0856, 0.3128,
0.2788

■ 46.1477, 0.3265,
0.5482

■ 71.6593, 0.3151,
0.2791

■ 45.2827, 0.3230,
0.5686

■ 44.6116, 0.3183,
0.5824

■ 44.3452, 0.3159,
0.5874

Harmonies

Analogous

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



56.2701, 0.3413, 0.3711



56.2701, 0.3186, 0.3683



56.2701, 0.2949, 0.3536

Triad

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



56.2701, 0.3186, 0.3683



56.2701, 0.2703, 0.2948



56.2701, 0.3500, 0.3247

Complementary

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



56.2701, 0.3186, 0.3683



45.7113, 0.3058, 0.2908

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.



56.2701, 0.3297, 0.3061



56.2701, 0.3186, 0.3683



56.2701, 0.2838, 0.2890

Square

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



56.2701, 0.3186, 0.3683



56.2701, 0.2677, 0.3102



56.2701, 0.3054, 0.2933



56.2701, 0.3600, 0.3449

Rectangle

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



56.2701, 0.3186, 0.3683



56.2701, 0.2818, 0.3394



56.2701, 0.3054, 0.2933



56.2701, 0.3441, 0.3181

Sweetspot

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



56.2725, 0.3186, 0.3683



97.6091, 0.3147, 0.3414



54.2863, 0.3371, 0.3543



20.8226, 0.3150, 0.3432



0.0000, 0.0000, 0.0000



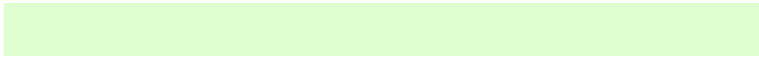
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2725, 0.3186, 0.3683



91.9758, 0.3197, 0.3769



55.2864, 0.3072, 0.3623



12.7108, 0.3164, 0.3526



27.9606, 0.3168, 0.5866



1.4835, 0.3324, 0.5743

Inverse Universe

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



45.7113, 0.3058, 0.2908



71.4127, 0.3042, 0.2827



46.8428, 0.3187, 0.2978



11.2141, 0.3087, 0.3058



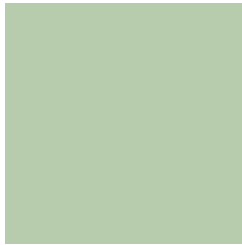
6.1850, 0.2410, 0.1101



0.3590, 0.2570, 0.1189

Previews

White Background



This preview shows how the Yxy color 56.2701, 0.3186, 0.3683 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 56.2701, 0.3186, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

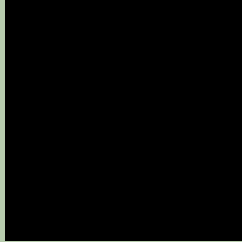
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

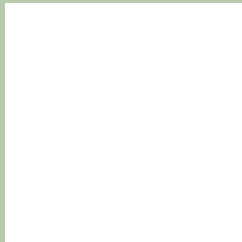
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2701, 0.3186, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 56.2701, 0.3186, 0.3683.



This preview shows how white text looks on a background with the Yxy color 56.2701, 0.3186, 0.3683.

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



Original Color

56.2701, 0.3186, 0.3683

Protanopia

56.0625, 0.3421, 0.3629

Deuteranopia

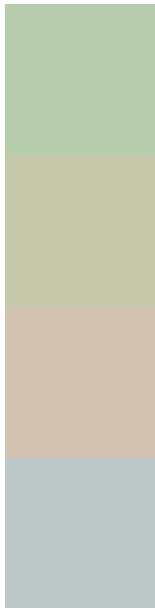
55.8088, 0.3526, 0.3453



Tritanopia

56.0620, 0.2946, 0.3097

Trichromacy



Original Color

56.2701, 0.3186, 0.3683

Protanomaly

56.2166, 0.3333, 0.3660

Deuteranomaly

55.6807, 0.3395, 0.3531

Tritanomaly

55.9969, 0.3034, 0.3302

Monochromacy



Original Color

56.2701, 0.3186, 0.3683

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8805, 0.3152, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2701, 0.3186, 0.3683 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(183, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 173)  
}
```

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(183, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.2701, 0.3186, 0.3683 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(183, 204, 173) }
```

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

```
.border{ border-color:rgb(183, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2701, 0.3186, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 173) }
```

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

```
.background{ background-color: rgb(183,  
204, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor