

Converting Colors

$Yxy(57.0824, 0.3083, 0.3426)$

Have a look what the booklet for
Yxy(57.0824, 0.3083, 0.3426)
contains.

Yxy(57.0824, 0.3083, 0.3426)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0824, 0.3083, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	BBCBC0
RGB	187, 203, 192
RGB Percent	73%, 80%, 75%
CMY	0.2665, 0.2039, 0.2472
CMYK	0.08, 0.00, 0.05, 0.20
HSL	139°, 13%, 76%
HSV	139°, 8%, 80%
XYZ	51.3675, 57.0824, 58.1654
YIQ	196.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

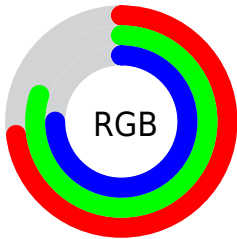
Format	Color
R _Y B	187, 199, 203
Decimal	12307392
CIE Lab	80.23, -7.49, 3.63
CIE LCh	80, 8.325, 154.172
Yxy	57.0824, 0.3083, 0.3426
Android (android.graphics.Color)	4290497472 (0xFFBBCBC0)
YUV	196.9620, -2.4463, -8.7367
Hunter-Lab	75.5529, -10.8576, 7.2418

Details

The Yxy color **57.0824, 0.3083, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3309, 0.3174, 0.3158**, and the grayscale version is **55.8318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3520, 0.3093, 0.3358**, and **28.4273, 0.3069, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **54.1104, 0.3027, 0.3619**, and if you desaturate by 10%, it is **60.4803, 0.3139, 0.3255**.

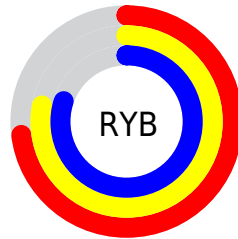
Distribution



Red (73%)

Green (80%)

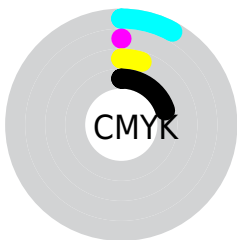
Blue (75%)



Red (73%)

Yellow (78%)

Blue (80%)

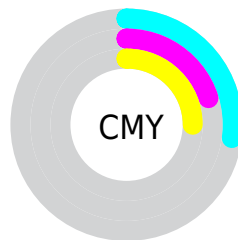


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0824, 0.3083, 0.3426 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 57.0824, 0.3083, 0.3426 by changing the saturation by 10% instead.

 57.0824, 0.3083,
0.3426

 57.0824, 0.3083,
0.3426


413.7580, 0.3105,
0.3360

 41.0714, 0.3078,
0.3442

 100.5854, 0.3091,
0.3402

 28.3749, 0.3071,
0.3463


128.8462, 0.3094,
0.3393

 18.6084, 0.3062,
0.3489


161.9591, 0.3096,
0.3386

 11.3877, 0.3050,
0.3526

200.3084, 0.3098,
0.3379

 6.3282, 0.3032,
0.3579

244.2785, 0.3100,
0.3373

 3.0457, 0.3004,
0.3663

294.2539, 0.3102,

 1.1556, 0.2952,

0.3368

0.3815

350.6189, 0.3103,
0.3364

0.0250, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0824, 0.3083,
0.3426

57.0824, 0.3083,
0.3426

54.1104, 0.3027,
0.3619

60.4803, 0.3139,
0.3255

51.5404, 0.2974,
0.3833

64.3127, 0.3194,
0.3105

49.3568, 0.2924,
0.4068

68.5969, 0.3247,
0.2974

47.5404, 0.2883,
0.4321

70.7505, 0.3200,
0.2846

■ 46.0703, 0.2852,
0.4585

■ 71.1911, 0.3151,
0.2782

■ 44.9233, 0.2834,
0.4850

■ 44.0734, 0.2833,
0.5107

■ 43.4903, 0.2848,
0.5342

■ 43.1306, 0.2878,
0.5544

Harmonies

Analogous

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



57.0824, 0.3193, 0.3475



57.0824, 0.3083, 0.3426



57.0824, 0.2986, 0.3339

Triad

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



57.0824, 0.3083, 0.3426



57.0824, 0.2969, 0.3110



57.0824, 0.3331, 0.3336

Complementary

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



57.0824, 0.3083, 0.3426



52.3309, 0.3174, 0.3158

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.



57.0824, 0.3269, 0.3241



57.0824, 0.3083, 0.3426



57.0824, 0.3059, 0.3112

Square

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



57.0824, 0.3083, 0.3426



57.0824, 0.2921, 0.3156



57.0824, 0.3169, 0.3160



57.0824, 0.3337, 0.3421

Rectangle

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



57.0824, 0.3083, 0.3426



57.0824, 0.2942, 0.3272



57.0824, 0.3169, 0.3160



57.0824, 0.3316, 0.3304

Sweetspot

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



57.0848, 0.3083, 0.3426



98.8208, 0.3116, 0.3324



58.3345, 0.3205, 0.3483



21.1641, 0.3116, 0.3322



0.0000, 0.0000, 0.0000



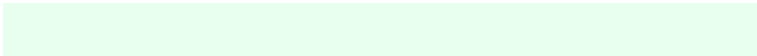
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0848, 0.3083, 0.3426



94.9254, 0.3076, 0.3449



57.4411, 0.3029, 0.3329



12.5932, 0.3074, 0.3454



27.4235, 0.2877, 0.5559



1.4284, 0.2764, 0.5151

Inverse Universe

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



52.3309, 0.3174, 0.3158



85.7721, 0.3182, 0.3136



51.9788, 0.3236, 0.3252



11.3423, 0.3184, 0.3131



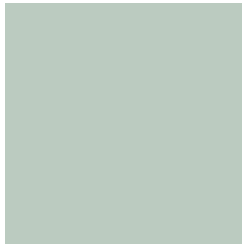
9.3047, 0.4173, 0.2072



0.4933, 0.3941, 0.1944

Previews

White Background



This preview shows how the Yxy color 57.0824, 0.3083, 0.3426 looks on a white background.

Color Contrast Check

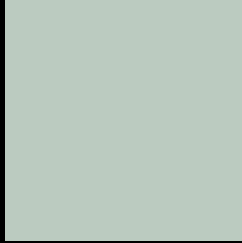
Large Text (above 18pt) WCAG AA × Fail

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 57.0824, 0.3083, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

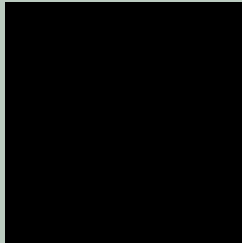
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

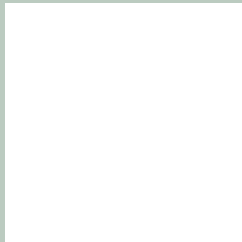
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0824, 0.3083, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 57.0824, 0.3083, 0.3426.



This preview shows how white text looks on a background with the Yxy color 57.0824, 0.3083, 0.3426.

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

57.0824, 0.3083, 0.3426

Protanopia

57.0414, 0.3250, 0.3398

Deuteranopia

56.8100, 0.3342, 0.3268



Tritanopia

57.2912, 0.2954, 0.3111

Trichromacy



Original Color

57.0824, 0.3083, 0.3426

Protanomaly

57.0320, 0.3184, 0.3411

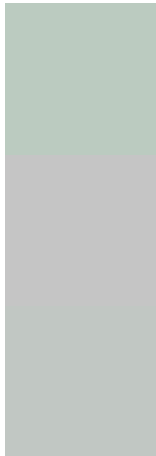
Deuteranomaly

56.7400, 0.3246, 0.3326

Tritanomaly

57.2254, 0.3001, 0.3217

Monochromacy



Original Color

57.0824, 0.3083, 0.3426

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1244, 0.3109, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0824, 0.3083, 0.3426 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, 203, 192)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 192)  
}
```

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, 203, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.0824, 0.3083, 0.3426 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, 203, 192) }
```

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

```
.border{ border-color:rgb(187, 203, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 203, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 203, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 203, 192); box-shadow:4px 4px 4px 4px rgb(187, 203, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0824, 0.3083, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 192) }
```

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

```
.background{ background-color: rgb(187,  
203, 192) }
```

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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