

Converting Colors

$Yxy(57.6027, 0.3068, 0.3395)$

Have a look what the booklet for
Yxy(57.6027, 0.3068, 0.3395)
contains.

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Color

Yxy(57.8172, 0.3069, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	BCCCC3
RGB	188, 204, 195
RGB Percent	74%, 80%, 76%
CMY	0.2626, 0.2000, 0.2352
CMYK	0.08, 0.00, 0.04, 0.20
HSL	146°, 14%, 77%
HSV	146°, 8%, 80%
XYZ	52.1885, 57.8172, 60.0449
YIQ	198.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

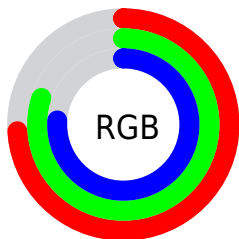
Format	Color
R _{YB}	188, 199, 204
Decimal	12373187
CIE Lab	80.64, -7.11, 2.61
CIE LCh	81, 7.569, 159.860
Yxy	57.8172, 0.3069, 0.3400
Android (android.graphics.Color)	4290563267 (0xFFBCCCC3)
YUV	198.1900, -1.5727, -8.9366
Hunter-Lab	76.0376, -10.5521, 6.4066

Details

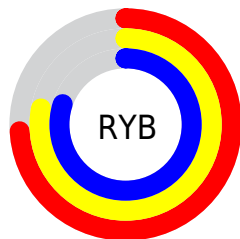
The Yxy color $57.8172, 0.3069, 0.3400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.8484, 0.3190, 0.3182$, and the grayscale version is $56.6106, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7814, 0.3077, 0.3319$, and $28.8867, 0.3060, 0.3438$ is the 20% darker color. If you saturate the color by 10%, you get $54.9092, 0.2996, 0.3556$, and if you desaturate by 10%, it is $61.1363, 0.3143, 0.3261$.

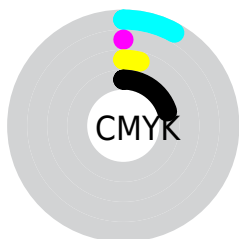
Distribution



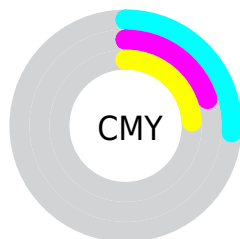
- Red (74%)
- Green (80%)
- Blue (76%)



- Red (74%)
- Yellow (78%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8172, 0.3069, 0.3400 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 57.8172, 0.3069, 0.3400 by changing the saturation by 10% instead.

■ 57.8172, 0.3069,
0.3400

■ 57.8172, 0.3069,
0.3400

416.5044, 0.3097,
0.3347

■ 41.6617, 0.3062,
0.3413

■ 101.6566, 0.3079,
0.3381

■ 28.8365, 0.3054,
0.3429

130.1093, 0.3083,
0.3374

■ 18.9572, 0.3042,
0.3451

163.4299, 0.3086,
0.3367

■ 11.6393, 0.3027,
0.3480

202.0027, 0.3089,
0.3362

■ 6.4986, 0.3005,
0.3522

246.2122, 0.3092,
0.3358

■ 3.1506, 0.2970,
0.3588

296.4427, 0.3094,

■ 1.2108, 0.2908,

0.3353

0.3706

353.0787, 0.3096,
0.3350

0.0705, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.8172, 0.3069,
0.3400

57.8172, 0.3069,
0.3400

54.9092, 0.2996,
0.3556

61.1363, 0.3143,
0.3261

52.3887, 0.2926,
0.3729

64.8743, 0.3217,
0.3139

50.2410, 0.2863,
0.3918

69.0481, 0.3290,
0.3031

48.4473, 0.2809,
0.4121

70.7905, 0.3250,
0.2923

■ 46.9874, 0.2768,
0.4336

■ 71.4981, 0.3168,
0.2815

■ 45.8390, 0.2742,
0.4556

■ 71.6637, 0.3151,
0.2791

■ 44.9767, 0.2735,
0.4776

■ 44.3710, 0.2748,
0.4987

■ 43.9796, 0.2777,
0.5183

Harmonies

Analogous

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



57.8172, 0.3168, 0.3452



57.8172, 0.3069, 0.3400



57.8172, 0.2986, 0.3317

Triad

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



57.8172, 0.3069, 0.3400



57.8172, 0.2997, 0.3124



57.8172, 0.3317, 0.3348

Complementary

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



57.8172, 0.3069, 0.3400



52.8484, 0.3190, 0.3182

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.



57.8172, 0.3269, 0.3262



57.8172, 0.3069, 0.3400



57.8172, 0.3084, 0.3134

Square

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



57.8172, 0.3069, 0.3400



57.8172, 0.2945, 0.3158



57.8172, 0.3184, 0.3184



57.8172, 0.3312, 0.3420

Rectangle

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



57.8172, 0.3069, 0.3400



57.8172, 0.2951, 0.3257



57.8172, 0.3184, 0.3184



57.8172, 0.3306, 0.3319

Sweetspot

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



57.8197, 0.3069, 0.3400



98.8620, 0.3112, 0.3318



58.6967, 0.3188, 0.3483



21.1725, 0.3113, 0.3316



0.0000, 0.0000, 0.0000



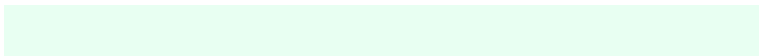
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8197, 0.3069, 0.3400



95.1001, 0.3059, 0.3419



58.1875, 0.3014, 0.3303



12.6171, 0.3057, 0.3423



27.6557, 0.2777, 0.5198



1.4419, 0.2670, 0.4811

Inverse Universe

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



52.8484, 0.3190, 0.3182



85.5918, 0.3201, 0.3164



52.4947, 0.3252, 0.3278



11.3176, 0.3204, 0.3160



8.8752, 0.4680, 0.2352



0.4730, 0.4316, 0.2151

Previews

White Background



This preview shows how the Yxy color 57.8172, 0.3069, 0.3400 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 57.8172, 0.3069, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

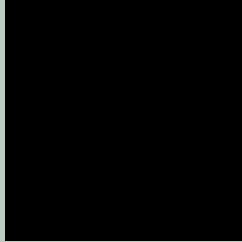
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

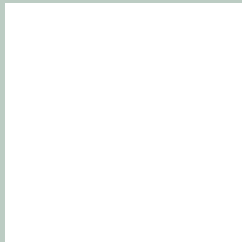
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8172, 0.3069, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 57.8172, 0.3069, 0.3400.

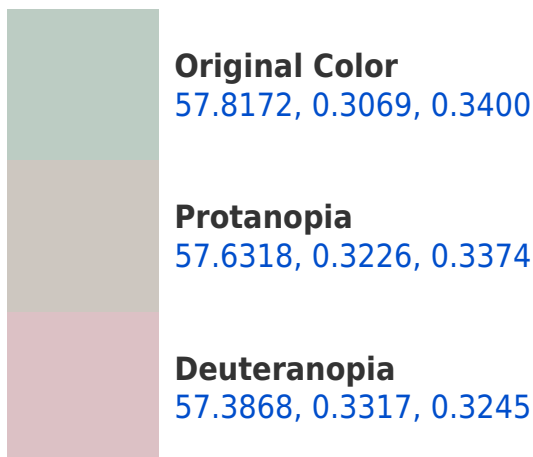


This preview shows how white text looks on a background with the Yxy color 57.8172, 0.3069, 0.3400.

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

57.9895, 0.2948, 0.3100

Trichromacy



Original Color

57.8172, 0.3069, 0.3400

Protanomaly

57.7657, 0.3169, 0.3386

Deuteranomaly

57.3279, 0.3222, 0.3302

Tritanomaly

57.9209, 0.2995, 0.3206

Monochromacy



Original Color

57.8172, 0.3069, 0.3400

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8091, 0.3102, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8172, 0.3069, 0.3400 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(188, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 195)  
}
```

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(188, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.8172, 0.3069, 0.3400 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(188, 204, 195) }
```

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

```
.border{ border-color:rgb(188, 204, 195) }
```

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

Here you see how a box with a 4 pixel rgb(188, 204, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8172, 0.3069, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 204, 195) }
```

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

```
.background{ background-color: rgb(188,  
204, 195) }
```

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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