

Converting Colors

$Yxy(57.5763, 0.3077, 0.3391)$

Have a look what the booklet for
Yxy(57.5763, 0.3077, 0.3391)
contains.

Yxy(57.4708, 0.3077, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4708, 0.3077, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	BDCBC3
RGB	189, 203, 195
RGB Percent	74%, 80%, 76%
CMY	0.2587, 0.2039, 0.2353
CMYK	0.07, 0.00, 0.04, 0.20
HSL	146°, 12%, 77%
HSV	146°, 7%, 80%
XYZ	52.1953, 57.4708, 59.9644
YIQ	197.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

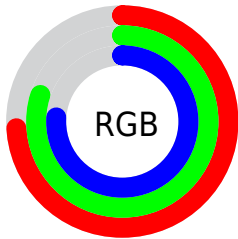
Format	Color
RYB	189, 199, 203
Decimal	12438467
CIELab	80.44, -6.26, 2.35
CIELCh	80, 6.681, 159.441
Yxy	57.4708, 0.3077, 0.3388
Android (android.graphics.Color)	4290628547 (0xFFBDCBC3)
YUV	197.9020, -1.4307, -7.8071
Hunter-Lab	75.8095, -9.7683, 6.1690

Details

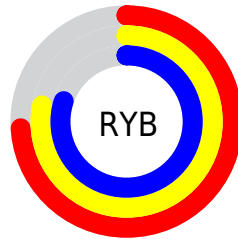
The Yxy color **57.4708, 0.3077, 0.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1342, 0.3181, 0.3194**, and the grayscale version is **56.4236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9608, 0.3083, 0.3319**, and **28.6522, 0.3070, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **54.5499, 0.3005, 0.3545**, and if you desaturate by 10%, it is **60.8009, 0.3150, 0.3248**.

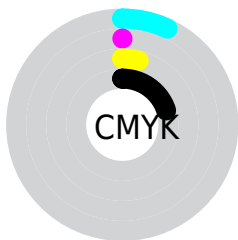
Distribution



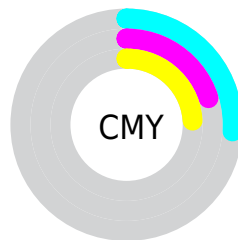
- Red (74%)
- Green (80%)
- Blue (76%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4708, 0.3077, 0.3388 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 57.4708, 0.3077, 0.3388 by changing the saturation by 10% instead.

■ 57.4708, 0.3077,
0.3388

■ 57.4708, 0.3077,
0.3388

415.2111, 0.3101,
0.3340

■ 41.3834, 0.3071,
0.3399

■ 101.1518, 0.3086,
0.3371

■ 28.6187, 0.3064,
0.3414

129.5142, 0.3089,
0.3365

■ 18.7926, 0.3054,
0.3433

162.7370, 0.3092,
0.3359

■ 11.5205, 0.3041,
0.3459

201.2046, 0.3094,
0.3354

■ 6.4181, 0.3021,
0.3496

245.3014, 0.3096,
0.3350

■ 3.1009, 0.2991,
0.3555

295.4118, 0.3098,

■ 1.1847, 0.2937,

0.3347

0.3661

351.9203, 0.3100,
0.3343

0.0491, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4708, 0.3077,
0.3388

57.4708, 0.3077,
0.3388

54.5499, 0.3005,
0.3545

60.8009, 0.3150,
0.3248

52.0151, 0.2936,
0.3720

64.5480, 0.3222,
0.3125

49.8516, 0.2874,
0.3911


68.7288, 0.3293,
0.3016


48.0413, 0.2820,
0.4117


70.3544, 0.3246,
0.2907

 46.5642, 0.2778,
0.4335

 71.0741, 0.3164,
0.2798

 45.3984, 0.2752,
0.4559

 71.1919, 0.3151,
0.2782

 44.5190, 0.2743,
0.4783

 43.8974, 0.2754,
0.4998

 43.4956, 0.2783,
0.5197

Harmonies

Analogous

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



57.4708, 0.3165, 0.3434



57.4708, 0.3077, 0.3388



57.4708, 0.3003, 0.3315

Triad

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



57.4708, 0.3077, 0.3388



57.4708, 0.3011, 0.3143



57.4708, 0.3294, 0.3340

Complementary

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



57.4708, 0.3077, 0.3388



53.1342, 0.3181, 0.3194

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.



57.4708, 0.3252, 0.3264



57.4708, 0.3077, 0.3388



57.4708, 0.3088, 0.3151

Square

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



57.4708, 0.3077, 0.3388



57.4708, 0.2966, 0.3174



57.4708, 0.3176, 0.3195



57.4708, 0.3291, 0.3405

Rectangle

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



57.4708, 0.3077, 0.3388



57.4708, 0.2972, 0.3262



57.4708, 0.3176, 0.3195



57.4708, 0.3285, 0.3315

Sweetspot

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



57.4732, 0.3077, 0.3388



98.8587, 0.3112, 0.3318



58.2811, 0.3182, 0.3459



21.1718, 0.3113, 0.3317



0.0000, 0.0000, 0.0000



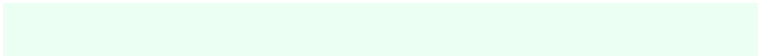
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4732, 0.3077, 0.3388



95.6038, 0.3068, 0.3406



57.7901, 0.3029, 0.3304



12.6151, 0.3059, 0.3426



27.6334, 0.2786, 0.5231



1.4407, 0.2678, 0.4839

Inverse Universe

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



53.1342, 0.3181, 0.3194



87.1196, 0.3191, 0.3177



52.8273, 0.3234, 0.3276



11.3196, 0.3202, 0.3158



8.9062, 0.4637, 0.2328



0.4745, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 57.4708, 0.3077, 0.3388 looks on a white background.

Color Contrast Check

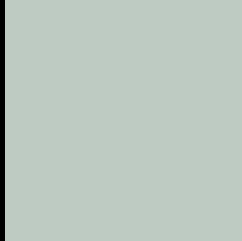
Large Text (above 18pt) WCAG AA × Fail

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 57.4708, 0.3077, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

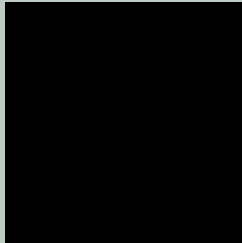
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

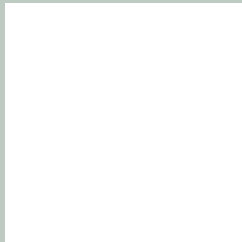
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4708, 0.3077, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 57.4708, 0.3077, 0.3388.



This preview shows how white text looks on a background with the Yxy color 57.4708, 0.3077, 0.3388.

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

57.4708, 0.3077, 0.3388

Protanopia

57.4900, 0.3218, 0.3374

Deuteranopia

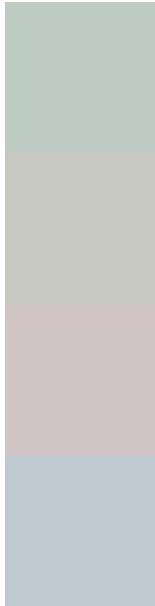
57.2312, 0.3309, 0.3245



Tritanopia

57.4729, 0.2955, 0.3099

Trichromacy



Original Color

57.4708, 0.3077, 0.3388

Protanomaly

57.3009, 0.3170, 0.3374

Deuteranomaly

57.3279, 0.3222, 0.3302

Tritanomaly

57.4037, 0.3002, 0.3205

Monochromacy



Original Color

57.4708, 0.3077, 0.3388

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9419, 0.3110, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4708, 0.3077, 0.3388 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, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 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(189, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.4708, 0.3077, 0.3388 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, 203, 195) }
```

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

```
.border{ border-color:rgb(189, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4708, 0.3077, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 195) }
```

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

```
.background{ background-color: rgb(189,  
203, 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](#).

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