

Converting Colors

$Yxy(57.3795, 0.3063, 0.3372)$

Have a look what the booklet for
Yxy(57.3795, 0.3063, 0.3372)
contains.

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Color

Yxy(57.3888, 0.3062, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	BCCBC4
RGB	188, 203, 196
RGB Percent	74%, 80%, 77%
CMY	0.2629, 0.2039, 0.2314
CMYK	0.07, 0.00, 0.03, 0.20
HSL	152°, 13%, 77%
HSV	152°, 7%, 80%
XYZ	52.0511, 57.3888, 60.5506
YIQ	197.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

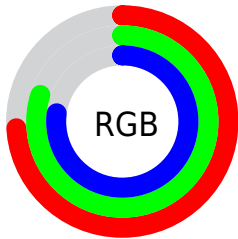
Format	Color
RYB	188, 198, 203
Decimal	12372932
CIELab	80.40, -6.43, 1.73
CIELCh	80, 6.665, 164.915
Yxy	57.3888, 0.3062, 0.3376
Android (android.graphics.Color)	4290563012 (0xFFBCCBC4)
YUV	197.7170, -0.8465, -8.5218
Hunter-Lab	75.7554, -9.9256, 5.6388

Details

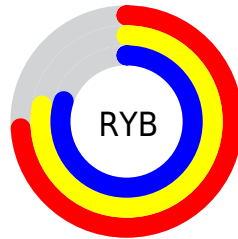
The Yxy color **57.3888, 0.3062, 0.3376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5903, 0.3198, 0.3206**, and the grayscale version is **56.2972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8449, 0.3071, 0.3309**, and **28.5988, 0.3051, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **54.5741, 0.2976, 0.3504**, and if you desaturate by 10%, it is **60.5983, 0.3150, 0.3262**.

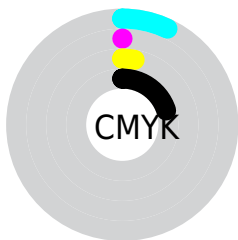
Distribution



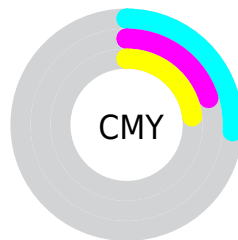
- Red (74%)
- Green (80%)
- Blue (77%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3888, 0.3062, 0.3376 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 57.3888, 0.3062, 0.3376 by changing the saturation by 10% instead.

 57.3888, 0.3062,
0.3376

 57.3888, 0.3062,
0.3376


414.9046, 0.3094,
0.3334

 41.3175, 0.3054,
0.3386


 101.0323, 0.3073,
0.3361

 28.5672, 0.3045,
0.3399


129.3732, 0.3078,
0.3355

 18.7537, 0.3032,
0.3415


162.5728, 0.3081,
0.3351

 11.4924, 0.3015,
0.3438

201.0155, 0.3084,
0.3346

 6.3991, 0.2991,
0.3471

245.0856, 0.3087,
0.3343

 3.0892, 0.2952,
0.3522

295.1676, 0.3090,

 1.1785, 0.2884,

0.3340

0.3614

351.6458, 0.3092,
0.3337

0.0440, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3888, 0.3062,
0.3376

57.3888, 0.3062,
0.3376

54.5741, 0.2976,
0.3504

60.5983, 0.3150,
0.3262

52.1314, 0.2894,
0.3645

64.2100, 0.3238,
0.3160

50.0464, 0.2820,
0.3799

68.2401, 0.3325,
0.3071

48.3012, 0.2756,
0.3965

69.9143, 0.3302,
0.2981

■ 46.8764, 0.2706,
0.4141

■ 70.4735, 0.3233,
0.2890

■ 45.7503, 0.2672,
0.4322

■ 71.0623, 0.3166,
0.2801

■ 44.8986, 0.2658,
0.4506

■ 71.1992, 0.3151,
0.2782

■ 44.2929, 0.2664,
0.4687

■ 43.8937, 0.2688,
0.4860

Harmonies

Analogous

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



57.3888, 0.3149, 0.3428



57.3888, 0.3062, 0.3376



57.3888, 0.2993, 0.3300

Triad

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



57.3888, 0.3062, 0.3376



57.3888, 0.3024, 0.3142



57.3888, 0.3297, 0.3353

Complementary

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



57.3888, 0.3062, 0.3376



52.5903, 0.3198, 0.3206

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.



57.3888, 0.3263, 0.3278



57.3888, 0.3062, 0.3376



57.3888, 0.3104, 0.3157

Square

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



57.3888, 0.3062, 0.3376



57.3888, 0.2971, 0.3166



57.3888, 0.3192, 0.3207



57.3888, 0.3285, 0.3413

Rectangle

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



57.3888, 0.3062, 0.3376



57.3888, 0.2967, 0.3248



57.3888, 0.3192, 0.3207



57.3888, 0.3290, 0.3329

Sweetspot

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



57.3912, 0.3062, 0.3376



98.8931, 0.3109, 0.3313



57.9827, 0.3175, 0.3473



21.1788, 0.3110, 0.3312



0.0000, 0.0000, 0.0000



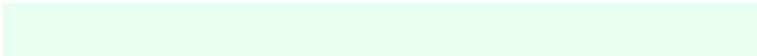
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3912, 0.3062, 0.3376



95.2331, 0.3047, 0.3397



57.6004, 0.3013, 0.3287



12.6353, 0.3045, 0.3400



27.8922, 0.2689, 0.4881



1.4542, 0.2595, 0.4541

Inverse Universe

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



52.5903, 0.3198, 0.3206



85.4583, 0.3215, 0.3186



52.3871, 0.3252, 0.3293



11.2994, 0.3218, 0.3182



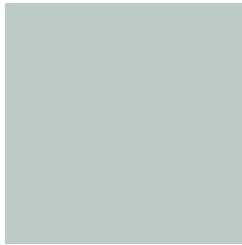
8.6214, 0.5081, 0.2573



0.4601, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 57.3888, 0.3062, 0.3376 looks on a white background.

Color Contrast Check

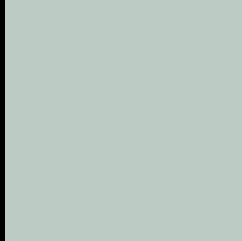
Large Text (above 18pt) WCAG AA × Fail

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 57.3888, 0.3062, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

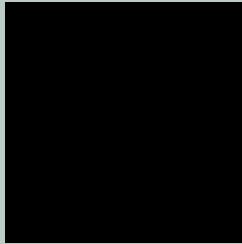
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

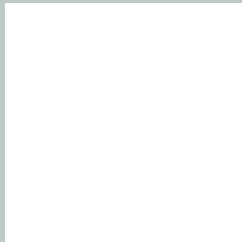
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3888, 0.3062, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 57.3888, 0.3062, 0.3376.



This preview shows how white text looks on a background with the Yxy color 57.3888, 0.3062, 0.3376.

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

57.3888, 0.3062, 0.3376

Protanopia

57.0758, 0.3212, 0.3350

Deuteranopia

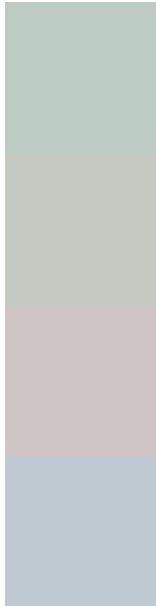
57.2772, 0.3301, 0.3233



Tritanopia

57.3428, 0.2947, 0.3099

Trichromacy



Original Color

57.3888, 0.3062, 0.3376

Protanomaly

57.2094, 0.3155, 0.3362

Deuteranomaly

57.3736, 0.3215, 0.3290

Tritanomaly

57.3239, 0.2988, 0.3193

Monochromacy



Original Color

57.3888, 0.3062, 0.3376

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 57.3888, 0.3062, 0.3376 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, 203, 196)` looks like.

```
.text, #text, p{  
    color:rgb(188, 203, 196)  
}
```

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, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 203, 196) }
```

Border

The CSS property to change the border of an element to Yxy 57.3888, 0.3062, 0.3376 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, 203, 196) }
```

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

```
.border{ border-color:rgb(188, 203, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 203, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 203, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 203, 196);  
box-shadow:4px 4px 4px 4px rgb(188, 203,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3888, 0.3062, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 203, 196) }
```

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

```
.background{ background-color: rgb(188,  
203, 196) }
```

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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