

Converting Colors

Yxy(57.4103, 0.3146, 0.3455)

Have a look what the booklet for
Yxy(57.4103, 0.3146, 0.3455)
contains.

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Color

Yxy(57.1217, 0.3143, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	C0CABD
RGB	192, 202, 189
RGB Percent	75%, 79%, 74%
CMY	0.2471, 0.2078, 0.2589
CMYK	0.05, 0.00, 0.06, 0.21
HSL	106°, 11%, 77%
HSV	106°, 6%, 79%
XYZ	52.0387, 57.1217, 56.4097
YIQ	197.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

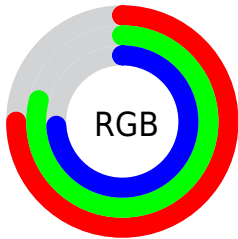
Format	Color
RYB	189, 202, 199
Decimal	12634813
CIELab	80.25, -5.82, 5.31
CIElCh	80, 7.883, 137.609
Yxy	57.1217, 0.3143, 0.3450
Android (android.graphics.Color)	4290824893 (0xFFC0CABD)
YUV	197.5280, -4.2043, -4.8481
Hunter-Lab	75.5789, -9.3596, 8.6530

Details

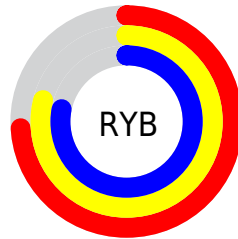
The Yxy color **57.1217, 0.3143, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7893, 0.3110, 0.3133**, and the grayscale version is **56.1965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0690, 0.3141, 0.3387**, and **28.4464, 0.3149, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **54.3859, 0.3166, 0.3722**, and if you desaturate by 10%, it is **60.1985, 0.3118, 0.3207**.

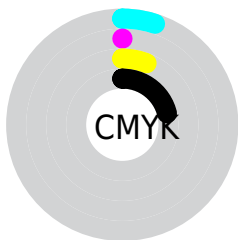
Distribution



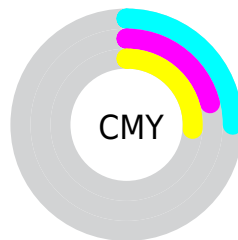
- Red (75%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)





- Cyan (25%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1217, 0.3143, 0.3450 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 57.1217, 0.3143, 0.3450 by changing the saturation by 10% instead.


 57.1217, 0.3143,
0.3450

 57.1217, 0.3143,
0.3450


413.9052, 0.3136,
0.3372

 41.1030, 0.3145,
0.3469


 100.6427, 0.3141,
0.3422

 28.3995, 0.3147,
0.3493


128.9138, 0.3140,
0.3411

 18.6271, 0.3149,
0.3524


162.0378, 0.3139,
0.3402

 11.4011, 0.3152,
0.3567

200.3991, 0.3138,
0.3395

 6.3373, 0.3157,
0.3630

244.3821, 0.3137,
0.3388

 3.0513, 0.3162,
0.3728

294.3712, 0.3137,

 1.1585, 0.3173,

0.3382

0.3911

350.7507, 0.3136,
0.3377

■ 0.0275, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1217, 0.3143,
0.3450

■ 57.1217, 0.3143,
0.3450

■ 54.3859, 0.3166,
0.3722

■ 60.1985, 0.3118,
0.3207

■ 51.9721, 0.3187,
0.4020

■ 63.6200, 0.3093,
0.2992

■ 49.8706, 0.3202,
0.4340

■ 67.3993, 0.3069,
0.2804

■ 48.0680, 0.3210,
0.4673

■ 70.5577, 0.3145,
0.2771

■ 46.5505, 0.3210,
0.5003

■ 70.7266, 0.3151,
0.2772

■ 45.3027, 0.3198,
0.5309

■ 44.3079, 0.3174,
0.5572

■ 43.5472, 0.3140,
0.5771

■ 42.9980, 0.3099,
0.5898

Harmonies

Analogous

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



57.1217, 0.3242, 0.3470



57.1217, 0.3143, 0.3450



57.1217, 0.3041, 0.3385

Triad

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



57.1217, 0.3143, 0.3450



57.1217, 0.2947, 0.3138



57.1217, 0.3293, 0.3283

Complementary

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



57.1217, 0.3143, 0.3450



52.7893, 0.3110, 0.3133

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.



57.1217, 0.3212, 0.3198



57.1217, 0.3143, 0.3450



57.1217, 0.3012, 0.3115

Square

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



57.1217, 0.3143, 0.3450



57.1217, 0.2929, 0.3203



57.1217, 0.3109, 0.3137



57.1217, 0.3330, 0.3372

Rectangle

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



57.1217, 0.3143, 0.3450



57.1217, 0.2985, 0.3325



57.1217, 0.3109, 0.3137



57.1217, 0.3270, 0.3254

Sweetspot

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



57.1242, 0.3143, 0.3450



98.9398, 0.3132, 0.3339



57.0636, 0.3225, 0.3410



21.1883, 0.3132, 0.3337



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.



57.1242, 0.3143, 0.3450



95.9010, 0.3147, 0.3493



56.8874, 0.3095, 0.3408



12.6600, 0.3150, 0.3527



27.5999, 0.3093, 0.5926



1.4593, 0.3234, 0.5814

Inverse Universe

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



52.7893, 0.3110, 0.3133



86.7842, 0.3105, 0.3092



53.0429, 0.3161, 0.3175



11.2679, 0.3101, 0.3059



7.2887, 0.2635, 0.1225



0.4087, 0.2752, 0.1290

Previews

White Background



This preview shows how the Yxy color 57.1217, 0.3143, 0.3450 looks on a white background.

Color Contrast Check

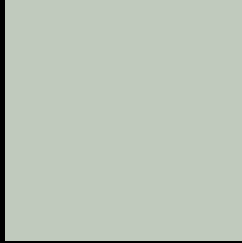
Large Text (above 18pt) WCAG AA × Fail

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 57.1217, 0.3143, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

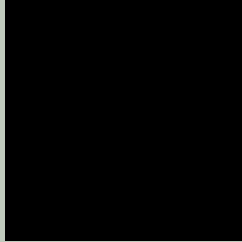
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

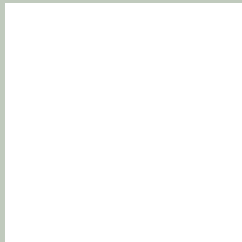
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1217, 0.3143, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 57.1217, 0.3143, 0.3450.



This preview shows how white text looks on a background with the Yxy color 57.1217, 0.3143, 0.3450.

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

57.1217, 0.3143, 0.3450

Protanopia

56.9552, 0.3265, 0.3422

Deuteranopia

56.8330, 0.3374, 0.3302



Tritanopia

56.9790, 0.2998, 0.3100

Trichromacy



Original Color

57.1217, 0.3143, 0.3450

Protanomaly

56.7570, 0.3216, 0.3423

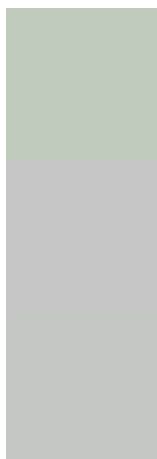
Deuteranomaly

56.8992, 0.3285, 0.3361

Tritanomaly

56.8567, 0.3053, 0.3218

Monochromacy



Original Color

57.1217, 0.3143, 0.3450

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5227, 0.3133, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1217, 0.3143, 0.3450 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(192, 202, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 202, 189)  
}
```

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(192, 202, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 202, 189) }
```

Border

The CSS property to change the border of an element to Yxy 57.1217, 0.3143, 0.3450 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(192, 202, 189) }
```

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

```
.border{ border-color:rgb(192, 202, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 202, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 202, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 202, 189); box-shadow:4px 4px 4px 4px rgb(192, 202, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1217, 0.3143, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 202, 189) }
```

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

```
.background{ background-color: rgb(192,  
202, 189) }
```

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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