

Converting Colors

Yxy(57.5134, 0.3096, 0.3240)

Have a look what the booklet for
Yxy(57.5134, 0.3096, 0.3240)
contains.

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Color

Yxy(57.3486, 0.3091, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7CC
RGB	199, 199, 204
RGB Percent	78%, 78%, 80%
CMY	0.2196, 0.2196, 0.1999
CMYK	0.02, 0.02, 0.00, 0.20
HSL	240°, 5%, 79%
HSV	240°, 2%, 80%
XYZ	54.8807, 57.3486, 65.3206
YIQ	199.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

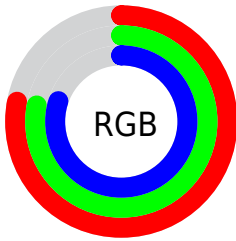
Format	Color
R _Y B	199, 199, 204
Decimal	13092812
CIE Lab	80.38, 0.94, -2.51
CIE LCh	80, 2.686, 290.583
Yxy	57.3486, 0.3091, 0.3230
Android (android.graphics.Color)	4291282892 (0xFFC7C7CC)
YUV	199.5700, 2.1840, -0.4999
Hunter-Lab	75.7289, -3.1667, 1.8691

Details

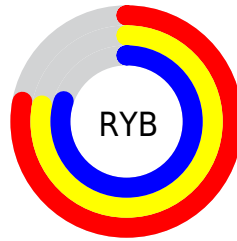
The Yxy color **57.3486, 0.3091, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1619, 0.3163, 0.3349**, and the grayscale version is **57.4710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.4725, 0.3079, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **45.9839, 0.2931, 0.2965**, and if you desaturate by 10%, it is **70.3488, 0.3230, 0.3461**.

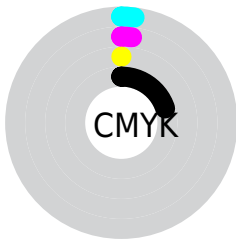
Distribution



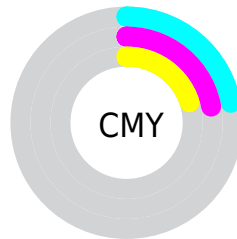
- Red (78%)
- Green (78%)
- Blue (80%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3486, 0.3091, 0.3230 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 57.3486, 0.3091, 0.3230 by changing the saturation by 10% instead.

■ 57.3486, 0.3091,
0.3230

■ 57.3486, 0.3091,
0.3230

414.7543, 0.3109,
0.3259

■ 41.2852, 0.3087,
0.3223

100.9737, 0.3097,
0.3240

■ 28.5420, 0.3081,
0.3214

129.3041, 0.3100,
0.3244

■ 18.7346, 0.3075,
0.3203

162.4923, 0.3102,
0.3248

■ 11.4787, 0.3065,
0.3188

200.9228, 0.3103,
0.3251

■ 6.3898, 0.3052,
0.3166

244.9798, 0.3105,
0.3253

■ 3.0835, 0.3031,
0.3132

295.0478, 0.3106,

■ 1.1755, 0.2994,

0.3255

0.3073

351.5111, 0.3107,
0.3257

0.0415, 0.1924,
0.1278

0.0000, 0.0000,
0.0000

57.3486, 0.3091,
0.3230

57.3486, 0.3091,
0.3230

45.9839, 0.2931,
0.2965

70.3488, 0.3230,
0.3461

36.1831, 0.2751,
0.2667

85.0381, 0.3350,
0.3660

27.8800, 0.2553,
0.2338

97.1410, 0.3430,
0.3790

21.0008, 0.2341,
0.1988

■ 15.4656, 0.2127,
0.1634

■ 11.1866, 0.1924,
0.1298

■ 8.0655, 0.1748,
0.1008

■ 5.9893, 0.1616,
0.0789

■ 4.8229, 0.1534,
0.0655

Harmonies

Analogous

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



57.3486, 0.3067, 0.3237



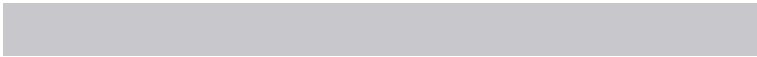
57.3486, 0.3091, 0.3230



57.3486, 0.3125, 0.3239

Triad

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



57.3486, 0.3091, 0.3230



57.3486, 0.3196, 0.3321



57.3486, 0.3095, 0.3319

Complementary

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



57.3486, 0.3091, 0.3230



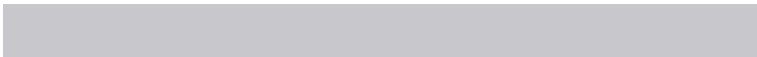
60.1619, 0.3163, 0.3349

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.



57.3486, 0.3129, 0.3342



57.3486, 0.3091, 0.3230



57.3486, 0.3188, 0.3343

Square

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



57.3486, 0.3091, 0.3230



57.3486, 0.3186, 0.3291



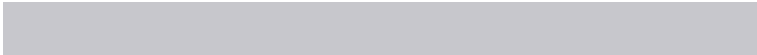
57.3486, 0.3163, 0.3351



57.3486, 0.3069, 0.3289

Rectangle

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



57.3486, 0.3091, 0.3230



57.3486, 0.3148, 0.3253



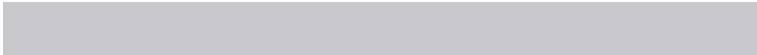
57.3486, 0.3163, 0.3351



57.3486, 0.3106, 0.3328

Sweetspot

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



57.3511, 0.3091, 0.3230



97.9048, 0.3112, 0.3266



59.7021, 0.3089, 0.3290



20.9777, 0.3113, 0.3267



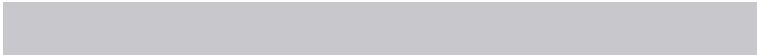
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.3511, 0.3091, 0.3230



93.7978, 0.3082, 0.3216



57.6959, 0.3110, 0.3230



12.2726, 0.3072, 0.3198



2.7472, 0.1501, 0.0601



0.1423, 0.1505, 0.0603

Inverse Universe

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



58.0478, 0.3130, 0.3231



95.2143, 0.3131, 0.3217



59.8114, 0.3144, 0.3350



12.5042, 0.3132, 0.3200



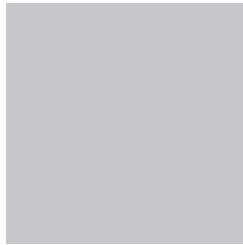
10.8058, 0.3217, 0.1546



0.5577, 0.3215, 0.1545

Previews

White Background



This preview shows how the Yxy color 57.3486, 0.3091, 0.3230 looks on a white background.

Color Contrast Check

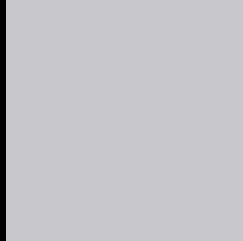
Large Text (above 18pt) WCAG AA × Fail

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 57.3486, 0.3091, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

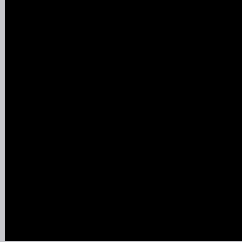
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

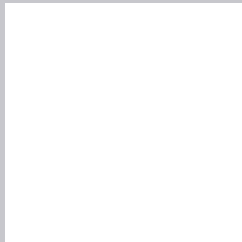
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3486, 0.3091, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 57.3486, 0.3091, 0.3230.

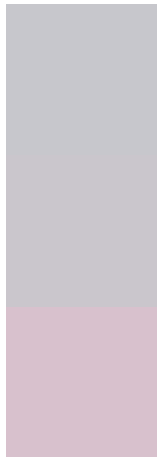


This preview shows how white text looks on a background with the Yxy color 57.3486, 0.3091, 0.3230.

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

57.3486, 0.3091, 0.3230

Protanopia

57.3044, 0.3115, 0.3219

Deuteranopia

57.1466, 0.3222, 0.3153



Tritanopia

57.4716, 0.3035, 0.3114

Trichromacy



Original Color

57.3486, 0.3091, 0.3230

Protanomaly

57.1653, 0.3107, 0.3219

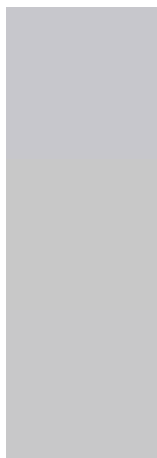
Deuteranomaly

57.1396, 0.3172, 0.3174

Tritanomaly

57.3207, 0.3056, 0.3148

Monochromacy



Original Color

57.3486, 0.3091, 0.3230

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8050, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3486, 0.3091, 0.3230 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(199, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 204)  
}
```

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(199, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.3486, 0.3091, 0.3230 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(199, 199, 204) }
```

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

```
.border{ border-color:rgb(199, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3486, 0.3091, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 204) }
```

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

```
.background{ background-color: rgb(199,  
199, 204) }
```

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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