

Converting Colors

$Yxy(57.3185, 0.4072, 0.4945)$

Have a look what the booklet for
Yxy(57.3185, 0.4072, 0.4945)
contains.

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Color

Yxy(57.3956, 0.4070, 0.4948)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CACF30 |
| RGB | 202, 207, 48 |
| RGB Percent | 79%, 81%, 19% |
| CMY | 0.2077, 0.1883, 0.8116 |
| CMYK | 0.02, 0.00, 0.77, 0.19 |
| HSL | 62°, 62%, 50% |
| HSV | 62°, 77%, 81% |
| XYZ | 47.2110, 57.3956, 11.3910 |
| YIQ | 187.3790, 48.0590, -50.5090 |

Conversions

Conversions Part 2

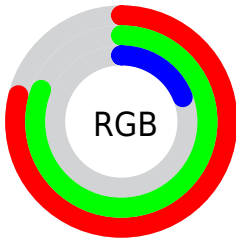
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 48, 207, 53 |
| Decimal | 13291312 |
| CIE Lab | 80.40, -19.55, 71.97 |
| CIE LCh | 80, 74.578, 105.194 |
| Yxy | 57.3956, 0.4070, 0.4948 |
| Android (android.graphics.Color) | 4291481392 (0xFFCACF30) |
| YUV | 187.3790, -68.7138, 12.8226 |
| Hunter-Lab | 75.7599, -21.3446, 44.1173 |

Details

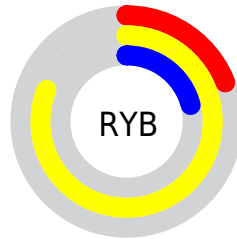
The Yxy color **57.3956, 0.4070, 0.4948** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **7.3797, 0.1705, 0.0912**, and the grayscale version is **50.3020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8415, 0.3957, 0.4661**, and **28.7118, 0.4092, 0.5133** is the 20% darker color. If you saturate the color by 10%, you get **57.1753, 0.4115, 0.5037**, and if you desaturate by 10%, it is **57.7014, 0.3999, 0.4816**.

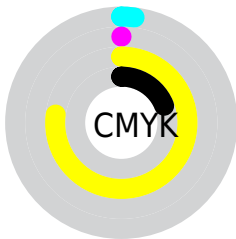
Distribution



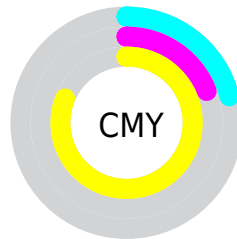
- Red (79%)
- Green (81%)
- Blue (19%)



- Red (19%)
- Yellow (81%)
- Blue (21%)



- Cyan (2%)
- Magenta (0%)
- Yellow (77%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3956, 0.4070, 0.4948 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 57.3956, 0.4070, 0.4948 by changing the saturation by 10% instead.

57.3956, 0.4070,
0.4948

57.3956, 0.4070,
0.4948

414.9300, 0.3691,
0.4181

41.3229, 0.4128,
0.5105

101.0422, 0.3959,
0.4693

28.5715, 0.4180,
0.5283

129.3849, 0.3909,
0.4589

18.7569, 0.4213,
0.5481

162.5864, 0.3864,
0.4499

11.4948, 0.4250,
0.5750

201.0312, 0.3822,
0.4420

6.4007, 0.4111,
0.5889

245.1035, 0.3785,
0.4349

3.0902, 0.3894,
0.6106

295.1878, 0.3751,

1.1790, 0.3437,

0.4287

0.6563

351.6685, 0.3719,
0.4231

■ 0.0445, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3956, 0.4070,
0.4948

■ 57.3956, 0.4070,
0.4948

■ 57.1753, 0.4115,
0.5037

■ 57.7014, 0.3999,
0.4816

■ 57.0195, 0.4135,
0.5085

■ 58.0943, 0.3904,
0.4643

■ 56.9762, 0.4139,
0.5096

■ 58.5856, 0.3788,
0.4436

■ 59.1826, 0.3656,
0.4204

■ 59.8921, 0.3514,
0.3957

■ 60.7202, 0.3369,
0.3705

■ 61.6726, 0.3223,
0.3455

■ 62.7547, 0.3083,
0.3214

■ 63.9715, 0.2949,
0.2986

Harmonies

Analogous

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



57.3956, 0.4759, 0.4376



57.3956, 0.4070, 0.4948



57.3956, 0.3190, 0.5051

Triad

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



57.3956, 0.4070, 0.4948



57.3956, 0.1535, 0.2422



57.3956, 0.3798, 0.2473

Complementary

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



57.3956, 0.4070, 0.4948



7.3797, 0.1705, 0.0912

Split Complementary

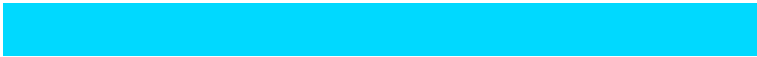
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.3956, 0.2811, 0.2064



57.3956, 0.4070, 0.4948



57.3956, 0.1640, 0.1986

Square

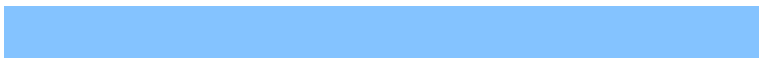
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.3956, 0.4070, 0.4948



57.3956, 0.1757, 0.3271



57.3956, 0.2060, 0.1889



57.3956, 0.4675, 0.3046

Rectangle

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



57.3956, 0.4070, 0.4948



57.3956, 0.2605, 0.4673



57.3956, 0.2060, 0.1889



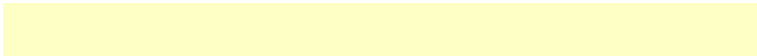
57.3956, 0.3459, 0.2314

Sweetspot

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



57.3983, 0.4070, 0.4948



96.4359, 0.3463, 0.3869



15.8198, 0.5756, 0.3319



20.5424, 0.3517, 0.3961



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.



57.3983, 0.4070, 0.4948



91.4695, 0.4130, 0.5071



49.1874, 0.3433, 0.5398



13.7780, 0.3261, 0.3520



35.9076, 0.4139, 0.5095



2.0138, 0.4150, 0.5087

Inverse Universe

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



7.3797, 0.1705, 0.0912



7.9775, 0.1540, 0.0654



11.3819, 0.2317, 0.1224



11.4350, 0.2987, 0.3050



2.8722, 0.1511, 0.0606



0.1669, 0.1546, 0.0625

Previews

White Background



This preview shows how the Yxy color 57.3956, 0.4070, 0.4948 looks on a white background.

Color Contrast Check

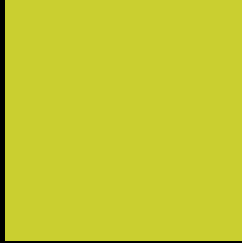
Large Text (above 18pt) WCAG AA × Fail

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 57.3956, 0.4070, 0.4948 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 57.3956, 0.4070, 0.4948

Background



This preview shows how black text looks on a background with the Yxy color 57.3956, 0.4070, 0.4948.



This preview shows how white text looks on a background with the Yxy color 57.3956, 0.4070, 0.4948.

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

57.3956, 0.4070, 0.4948

Protanopia

57.3531, 0.4318, 0.4773

Deuteranopia

57.0047, 0.4593, 0.4488



Tritanopia

57.2929, 0.3199, 0.3119

Trichromacy



Original Color

57.3956, 0.4070, 0.4948

Protanomaly

57.5160, 0.4223, 0.4839

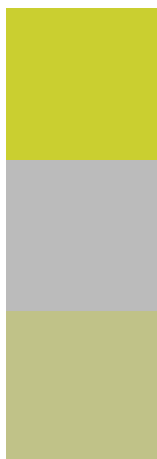
Deuteranomaly

57.0605, 0.4404, 0.4655

Tritanomaly

56.4391, 0.3601, 0.3866

Monochromacy



Original Color

57.3956, 0.4070, 0.4948

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.5676, 0.3556, 0.4032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3956, 0.4070, 0.4948 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(202, 207, 48)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 48)  
}
```

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(202, 207, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 48) }
```

Border

The CSS property to change the border of an element to Yxy 57.3956, 0.4070, 0.4948 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(202, 207, 48) }
```

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

```
.border{ border-color:rgb(202, 207, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 48);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3956, 0.4070, 0.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 48) }
```

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

```
.background{ background-color: rgb(202,  
207, 48) }
```

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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