

Converting Colors

$Y_{xy}(57.3256, 0.3929, 0.5263)$

Have a look what the booklet for
Yxy(57.3256, 0.3929, 0.5263)
contains.

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Color

Yxy(57.4123, 0.3928, 0.5263)

Conversions

Conversions Part 1

Format	Color
Hex	B5D500
RGB	181, 213, 0
RGB Percent	71%, 84%, 0%
CMY	0.2902, 0.1647, 0.9996
CMYK	0.15, 0.00, 1.00, 0.16
HSL	69°, 100%, 42%
HSV	69°, 100%, 84%
XYZ	42.8492, 57.4123, 8.8251
YIQ	179.1500, 49.3010, -73.0270

Conversions

Conversions Part 2

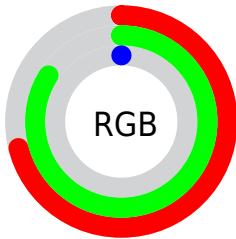
Format	Color
RYB	0, 213, 32
Decimal	11916544
CIELab	80.41, -32.18, 79.67
CIELCh	80, 85.925, 111.992
Yxy	57.4123, 0.3928, 0.5263
Android (android.graphics.Color)	4290106624 (0xFFB5D500)
YUV	179.1500, -88.3209, 1.6225
Hunter-Lab	75.7709, -31.6555, 46.1341

Details

The Yxy color **57.4123, 0.3928, 0.5263** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **5.1152, 0.1557, 0.0631**, and the grayscale version is **45.6306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8927, 0.3941, 0.4859**, and **28.6647, 0.3811, 0.5356** is the 20% darker color. If you saturate the color by 10%, you get **57.4131, 0.3928, 0.5263**, and if you desaturate by 10%, it is **57.8620, 0.3934, 0.5203**.

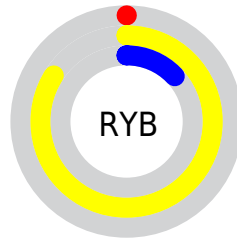
Distribution



Red (71%)

Green (84%)

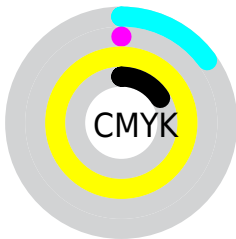
Blue (0%)



Red (0%)

Yellow (84%)

Blue (13%)

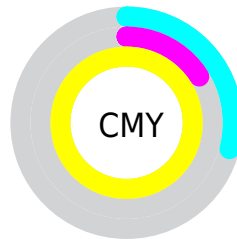


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (29%)


Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4123, 0.3928, 0.5263 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 57.4123, 0.3928, 0.5263 by changing the saturation by 10% instead.


 57.4123, 0.3928,
0.5263


 57.4123, 0.3928,
0.5263

414.9925, 0.3649,
0.4340


 41.3364, 0.3951,
0.5451


 101.0665, 0.3861,
0.4956

 28.5820, 0.3955,
0.5664


 129.4136, 0.3825,
0.4831


 18.7648, 0.3929,
0.5912


 162.6199, 0.3791,
0.4722

 11.5005, 0.3830,
0.6170

 201.0697, 0.3759,
0.4627

 6.4045, 0.3597,
0.6403

 245.1475, 0.3728,
0.4542

 3.0926, 0.3232,
0.6768

 295.2376, 0.3700,

 1.1803, 0.2080,

0.4467

0.7920

351.7244, 0.3674,
0.4400

■ 0.0455, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4123, 0.3928,
0.5263

■ 57.4123, 0.3928,
0.5263

■ 57.4131, 0.3928,
0.5263

■ 57.8620, 0.3934,
0.5203

■ 58.3791, 0.3919,
0.5105

■ 58.9867, 0.3878,
0.4961

■ 59.6958, 0.3811,
0.4775

■ 60.5161, 0.3723,
0.4555

■ 61.4559, 0.3617,
0.4311

■ 62.5226, 0.3500,
0.4054

■ 63.7230, 0.3376,
0.3792

■ 65.0636, 0.3250,
0.3535

Harmonies

Analogous

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



57.4123, 0.4788, 0.4626



57.4123, 0.3928, 0.5263



57.4123, 0.2930, 0.5256

Triad

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



57.4123, 0.3928, 0.5263



57.4123, 0.1354, 0.2143



57.4123, 0.4151, 0.2498

Complementary

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



57.4123, 0.3928, 0.5263



5.1152, 0.1557, 0.0631

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.



57.4123, 0.2996, 0.2004



57.4123, 0.3928, 0.5263



57.4123, 0.1546, 0.1775

Square

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



57.4123, 0.3928, 0.5263



57.4123, 0.1497, 0.2982



57.4123, 0.2081, 0.1750



57.4123, 0.5059, 0.3145

Rectangle

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



57.4123, 0.3928, 0.5263



57.4123, 0.2304, 0.4676



57.4123, 0.2081, 0.1750



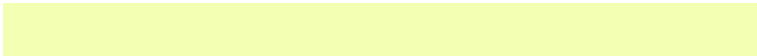
57.4123, 0.3764, 0.2311

Sweetspot

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



57.4149, 0.3928, 0.5263



93.8977, 0.3504, 0.4063



15.1819, 0.6269, 0.3404



19.9473, 0.3555, 0.4173



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.



57.4149, 0.3928, 0.5263



86.2191, 0.3925, 0.5265



49.0724, 0.3182, 0.5855



14.4210, 0.3243, 0.3522



35.1035, 0.3932, 0.5260



2.1435, 0.3980, 0.5222

Inverse Universe

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



5.1152, 0.1557, 0.0631



7.6386, 0.1551, 0.0628



10.2512, 0.2338, 0.1062



12.0974, 0.3004, 0.3051



3.1501, 0.1565, 0.0636



0.2191, 0.1703, 0.0712

Previews

White Background



This preview shows how the Yxy color 57.4123, 0.3928, 0.5263 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 57.4123, 0.3928, 0.5263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

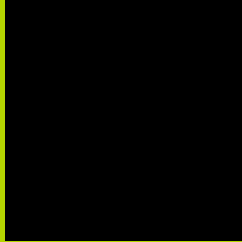
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4123, 0.3928, 0.5263

Background



This preview shows how black text looks on a background with the Yxy color 57.4123, 0.3928, 0.5263.

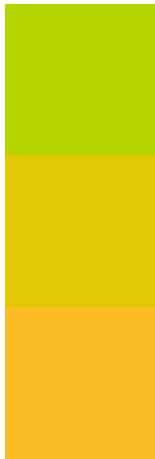


This preview shows how white text looks on a background with the Yxy color 57.4123, 0.3928, 0.5263.

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

57.4123, 0.3928, 0.5263

Protanopia

57.3161, 0.4406, 0.4884

Deuteranopia

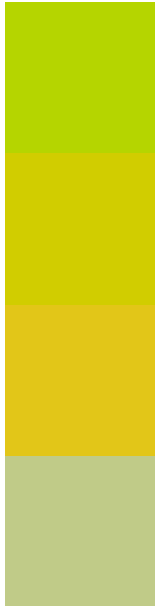
57.0380, 0.4664, 0.4562



Tritanopia

57.2490, 0.3013, 0.3101

Trichromacy



Original Color

57.4123, 0.3928, 0.5263

Protanomaly

57.2180, 0.4227, 0.5026

Deuteranomaly

56.6229, 0.4405, 0.4823

Tritanomaly

55.6959, 0.3527, 0.4133

Monochromacy



Original Color

57.4123, 0.3928, 0.5263

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

48.1798, 0.3623, 0.4311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4123, 0.3928, 0.5263 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(181, 213, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 213, 0)  
}
```

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(181, 213, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 213, 0) }
```

Border

The CSS property to change the border of an element to Yxy 57.4123, 0.3928, 0.5263 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(181, 213, 0) }
```

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

```
.border{ border-color:rgb(181, 213, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 213, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 213, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 213, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 213,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4123, 0.3928, 0.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 213, 0) }
```

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

```
.background{ background-color: rgb(181,  
213, 0) }
```

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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