

Converting Colors

Yxy(57.9048, 0.3813, 0.5302)

Have a look what the booklet for
Yxy(57.9048, 0.3813, 0.5302)
contains.

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Color

Yxy(57.9329, 0.3816, 0.5302)

Conversions

Conversions Part 1

Format	Color
Hex	ACD814
RGB	172, 216, 20
RGB Percent	67%, 85%, 8%
CMY	0.3254, 0.1529, 0.9223
CMYK	0.20, 0.00, 0.91, 0.15
HSL	73°, 83%, 46%
HSV	73°, 91%, 85%
XYZ	41.6960, 57.9329, 9.6373
YIQ	180.5000, 36.6920, -70.2840

Conversions

Conversions Part 2

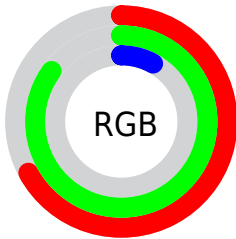
Format	Color
R _{YB}	20, 216, 64
Decimal	11327508
CIE Lab	80.70, -36.90, 77.60
CIE LCh	81, 85.923, 115.433
Yxy	57.9329, 0.3816, 0.5302
Android (android.graphics.Color)	4289517588 (0xFFACD814)
YUV	180.5000, -79.1265, -7.4545
Hunter-Lab	76.1137, -35.4145, 45.7725

Details

The Yxy color **57.9329, 0.3816, 0.5302** 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 **6.5358, 0.1700, 0.0754**, and the grayscale version is **46.3363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2816, 0.3849, 0.4864**, and **29.0671, 0.3691, 0.5451** is the 20% darker color. If you saturate the color by 10%, you get **57.3910, 0.3798, 0.5367**, and if you desaturate by 10%, it is **58.6069, 0.3816, 0.5193**.

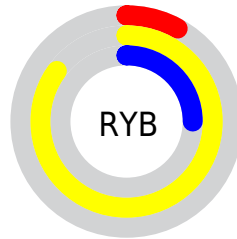
Distribution



Red (67%)

Green (85%)

Blue (8%)



Red (8%)

Yellow (85%)

Blue (25%)

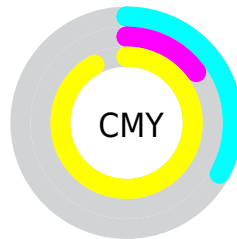


Cyan (20%)

Magenta (0%)

Yellow (91%)

Black (15%)



Cyan (33%)


Magenta (15%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9329, 0.3816, 0.5302 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 57.9329, 0.3816, 0.5302 by changing the saturation by 10% instead.


 57.9329, 0.3816,
0.5302


 57.9329, 0.3816,
0.5302


416.9359, 0.3587,
0.4345


 41.7547, 0.3830,
0.5504


 101.8251, 0.3765,
0.4978


 28.9093, 0.3823,
0.5736

 130.3080, 0.3736,
0.4849


 19.0122, 0.3779,
0.6004


 163.6611, 0.3708,
0.4736

 11.6791, 0.3678,
0.6322

 202.2691, 0.3680,
0.4638

 6.5256, 0.3411,
0.6589

 246.5161, 0.3655,
0.4551

 3.1672, 0.2999,
0.7001

 296.7866, 0.3630,

 1.2196, 0.1559,

0.4474

0.8441

353.4651, 0.3608,
0.4406

■ 0.0777, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9329, 0.3816,
0.5302

■ 57.9329, 0.3816,
0.5302

■ 57.3910, 0.3798,
0.5367

■ 58.6069, 0.3816,
0.5193

■ 59.3813, 0.3790,
0.5038

■ 60.2708, 0.3739,
0.4840

■ 61.2855, 0.3666,
0.4608

■ 62.4342, 0.3575,
0.4354

■ 63.7249, 0.3471,
0.4087

■ 65.1649, 0.3361,
0.3820

■ 66.7608, 0.3248,
0.3559

■ 68.5190, 0.3136,
0.3310

Harmonies

Analogous

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



57.9329, 0.4701, 0.4710



57.9329, 0.3816, 0.5302



57.9329, 0.2819, 0.5182

Triad

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



57.9329, 0.3816, 0.5302



57.9329, 0.1363, 0.2083



57.9329, 0.4276, 0.2568

Complementary

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



57.9329, 0.3816, 0.5302



6.5358, 0.1700, 0.0754

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.



57.9329, 0.3123, 0.2053



57.9329, 0.3816, 0.5302



57.9329, 0.1592, 0.1760

Square

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



57.9329, 0.3816, 0.5302



57.9329, 0.1466, 0.2860



57.9329, 0.2169, 0.1769



57.9329, 0.5116, 0.3225

Rectangle

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



57.9329, 0.3816, 0.5302



57.9329, 0.2211, 0.4534



57.9329, 0.2169, 0.1769



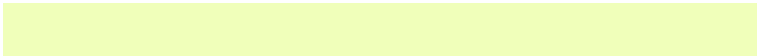
57.9329, 0.3897, 0.2375

Sweetspot

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



57.9355, 0.3816, 0.5302



93.5201, 0.3433, 0.3992



18.1304, 0.5933, 0.3564



19.8676, 0.3470, 0.4084



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.



57.9355, 0.3816, 0.5302



83.5011, 0.3794, 0.5370



50.6759, 0.3164, 0.5807



14.3730, 0.3232, 0.3523



34.0182, 0.3804, 0.5362



2.0871, 0.3875, 0.5306

Inverse Universe

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



6.5358, 0.1700, 0.0754



8.0952, 0.1606, 0.0658



12.9689, 0.2563, 0.1221



12.1417, 0.3016, 0.3051



3.3526, 0.1624, 0.0668



0.2397, 0.1797, 0.0764

Previews

White Background



This preview shows how the Yxy color 57.9329, 0.3816, 0.5302 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 57.9329, 0.3816, 0.5302 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 57.9329, 0.3816, 0.5302

Background



This preview shows how black text looks on a background with the Yxy color 57.9329, 0.3816, 0.5302.

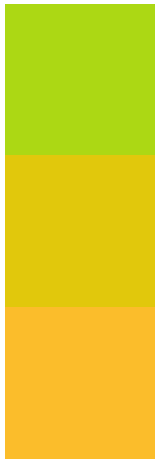


This preview shows how white text looks on a background with the Yxy color 57.9329, 0.3816, 0.5302.

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

57.9329, 0.3816, 0.5302

Protanopia

57.3426, 0.4395, 0.4868

Deuteranopia

57.0788, 0.4647, 0.4540



Tritanopia

57.7302, 0.2933, 0.3099

Trichromacy



Original Color

57.9329, 0.3816, 0.5302

Protanomaly

57.2989, 0.4180, 0.5030

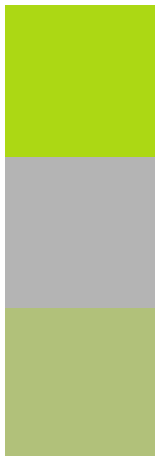
Deuteranomaly

56.4978, 0.4340, 0.4822

Tritanomaly

56.2542, 0.3381, 0.4072

Monochromacy



Original Color

57.9329, 0.3816, 0.5302

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

48.8922, 0.3531, 0.4240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9329, 0.3816, 0.5302 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(172, 216, 20)` looks like.

```
.text, #text, p{  
    color:rgb(172, 216, 20)  
}
```

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(172, 216, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 216, 20) }
```

Border

The CSS property to change the border of an element to Yxy 57.9329, 0.3816, 0.5302 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(172, 216, 20) }
```

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

```
.border{ border-color:rgb(172, 216, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 216, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 216, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 216, 20);  
box-shadow:4px 4px 4px 4px rgb(172, 216,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9329, 0.3816, 0.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 216, 20) }
```

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

```
.background{ background-color: rgb(172,  
216, 20) }
```

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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