

Converting Colors

Yxy(55.3618, 0.3724, 0.5425)

Have a look what the booklet for
Yxy(55.3618, 0.3724, 0.5425)
contains.

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Color

Yxy(55.2612, 0.3725, 0.5424)

Conversions

Conversions Part 1

Format	Color
Hex	9DD600
RGB	157, 214, 0
RGB Percent	62%, 84%, 0%
CMY	0.3843, 0.1608, 0.9994
CMYK	0.27, 0.00, 1.00, 0.16
HSL	76°, 100%, 42%
HSV	76°, 100%, 84%
XYZ	37.9513, 55.2612, 8.6702
YIQ	172.5610, 34.7220, -78.6380

Conversions

Conversions Part 2

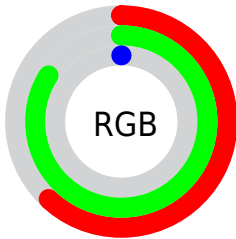
Format	Color
RYB	0, 214, 57
Decimal	10343936
CIELab	79.19, -42.12, 78.08
CIELCh	79, 88.717, 118.346
Yxy	55.2612, 0.3725, 0.5424
Android (android.graphics.Color)	4288534016 (0xFF9DD600)
YUV	172.5610, -85.0726, -13.6470
Hunter-Lab	74.3379, -38.9626, 45.1214

Details

The Yxy color **55.2612, 0.3725, 0.5424** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5.7339, 0.1656, 0.0686**, and the grayscale version is **41.9925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7748, 0.3769, 0.4976**, and **27.4489, 0.3554, 0.5560** is the 20% darker color. If you saturate the color by 10%, you get **55.2589, 0.3725, 0.5425**, and if you desaturate by 10%, it is **55.9069, 0.3751, 0.5345**.

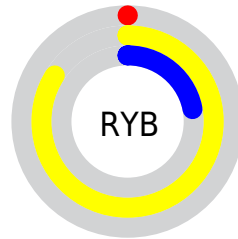
Distribution



Red (62%)

Green (84%)

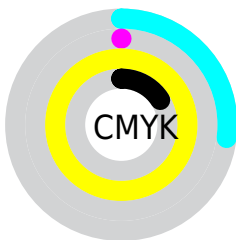
Blue (0%)



Red (0%)

Yellow (84%)

Blue (22%)

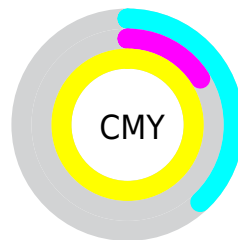


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (38%)


Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2612, 0.3725, 0.5424 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 55.2612, 0.3725, 0.5424 by changing the saturation by 10% instead.


 55.2612, 0.3725,
0.5424


 55.2612, 0.3725,
0.5424

406.9013, 0.3547,
0.4391

 39.6109, 0.3723,
0.5645

 97.9235, 0.3695,
0.5071

 27.2353, 0.3694,
0.5902


 125.7044, 0.3673,
0.4931


 17.7500, 0.3626,
0.6210


 158.2975, 0.3650,
0.4810

 10.7707, 0.3463,
0.6537

 196.0873, 0.3628,
0.4704

 5.9128, 0.3139,
0.6861

 239.4582, 0.3606,
0.4611

 2.7921, 0.2637,
0.7363

 288.7945, 0.3585,

 1.0242, 0.0000,

0.4529

1.0000

344.4808, 0.3566,
0.4456

■ 0.0000, 0.0000,
0.0000

■ 55.2612, 0.3725,
0.5424

■ 55.2612, 0.3725,
0.5424

■ 55.2589, 0.3725,
0.5425

■ 55.9069, 0.3751,
0.5345

■ 56.6393, 0.3755,
0.5224

■ 57.4815, 0.3734,
0.5055

■ 58.4451, 0.3689,
0.4845

■ 59.5401, 0.3621,
0.4603

■ 60.7750, 0.3536,
0.4340

■ 62.1579, 0.3440,
0.4068

■ 63.6958, 0.3337,
0.3798

■ 65.3954, 0.3231,
0.3536

Harmonies

Analogous

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



55.2612, 0.4669, 0.4821



55.2612, 0.3725, 0.5424



55.2612, 0.2694, 0.5218

Triad

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



55.2612, 0.3725, 0.5424



55.2612, 0.1311, 0.1979



55.2612, 0.4440, 0.2597

Complementary

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



55.2612, 0.3725, 0.5424



5.7339, 0.1656, 0.0686

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.



55.2612, 0.3233, 0.2049



55.2612, 0.3725, 0.5424



55.2612, 0.1578, 0.1691

Square

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



55.2612, 0.3725, 0.5424



55.2612, 0.1377, 0.2728



55.2612, 0.2207, 0.1732



55.2612, 0.5255, 0.3279

Rectangle

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



55.2612, 0.3725, 0.5424



55.2612, 0.2083, 0.4474



55.2612, 0.2207, 0.1732



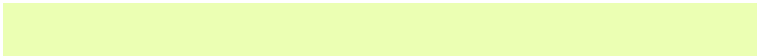
55.2612, 0.4049, 0.2394

Sweetspot

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



55.2637, 0.3725, 0.5424



92.3496, 0.3444, 0.4079



16.9008, 0.6091, 0.3545



19.5741, 0.3486, 0.4195



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.



55.2637, 0.3725, 0.5424



82.0871, 0.3720, 0.5428



48.8699, 0.3097, 0.5923



14.3457, 0.3226, 0.3523



33.4519, 0.3732, 0.5419



2.0571, 0.3815, 0.5353

Inverse Universe

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



5.7339, 0.1656, 0.0686



8.4483, 0.1647, 0.0681



12.3888, 0.2578, 0.1194



12.1672, 0.3022, 0.3052



3.5050, 0.1667, 0.0692



0.2520, 0.1851, 0.0793

Previews

White Background



This preview shows how the Yxy color 55.2612, 0.3725, 0.5424 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 55.2612, 0.3725, 0.5424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

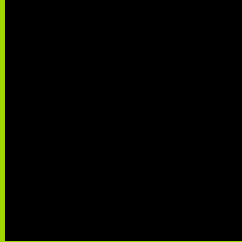
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2612, 0.3725, 0.5424

Background



This preview shows how black text looks on a background with the Yxy color 55.2612, 0.3725, 0.5424.



This preview shows how white text looks on a background with the Yxy color 55.2612, 0.3725, 0.5424.

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

55.2612, 0.3725, 0.5424

Protanopia

54.6955, 0.4401, 0.4887

Deuteranopia

54.4440, 0.4654, 0.4546



Tritanopia

55.1003, 0.2852, 0.3093

Trichromacy



Original Color

55.2612, 0.3725, 0.5424

Protanomaly

54.5822, 0.4142, 0.5094

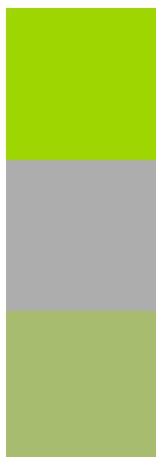
Deuteranomaly

53.8506, 0.4318, 0.4879

Tritanomaly

53.5379, 0.3335, 0.4183

Monochromacy



Original Color

55.2612, 0.3725, 0.5424

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

45.3077, 0.3546, 0.4373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2612, 0.3725, 0.5424 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(157, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 214, 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(157, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 214, 0) }
```

Border

The CSS property to change the border of an element to Yxy 55.2612, 0.3725, 0.5424 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(157, 214, 0) }
```

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

```
.border{ border-color:rgb(157, 214, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 214, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 214,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2612, 0.3725, 0.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 214, 0) }
```

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

```
.background{ background-color: rgb(157,  
214, 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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