

Converting Colors

Yxy(60.7636, 0.3707, 0.5424)

Have a look what the booklet for
Yxy(60.7636, 0.3707, 0.5424)
contains.

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Color

Yxy(60.4721, 0.3707, 0.5424)

Conversions

Conversions Part 1

Format	Color
Hex	A2DF07
RGB	162, 223, 7
RGB Percent	64%, 87%, 3%
CMY	0.3646, 0.1255, 0.9733
CMYK	0.27, 0.00, 0.97, 0.13
HSL	77°, 94%, 45%
HSV	77°, 97%, 87%
XYZ	41.3293, 60.4721, 9.6885
YIQ	180.1370, 32.9800, -80.1080

Conversions

Conversions Part 2

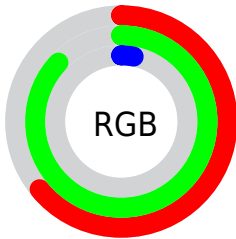
Format	Color
RYB	7, 223, 68
Decimal	10673927
CIELab	82.09, -44.02, 79.84
CIElCh	82, 91.170, 118.870
Yxy	60.4721, 0.3707, 0.5424
Android (android.graphics.Color)	4288864007 (0xFFA2DF07)
YUV	180.1370, -85.3565, -15.9061
Hunter-Lab	77.7638, -41.2189, 47.0478

Details

The Yxy color **60.4721, 0.3707, 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 **6.6963, 0.1700, 0.0722**, and the grayscale version is **46.1658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7709, 0.3797, 0.4923**, and **30.5210, 0.3542, 0.5569** is the 20% darker color. If you saturate the color by 10%, you get **60.2605, 0.3697, 0.5446**, and if you desaturate by 10%, it is **61.2245, 0.3731, 0.5334**.

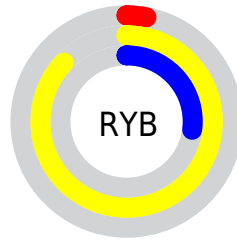
Distribution



Red (64%)

Green (87%)

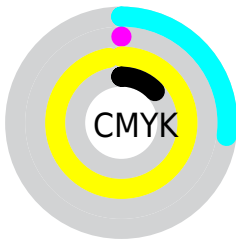
Blue (3%)



Red (3%)

Yellow (87%)

Blue (27%)

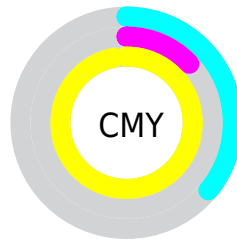


Cyan (27%)

Magenta (0%)

Yellow (97%)

Black (13%)



Cyan (36%)

Magenta (13%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4721, 0.3707, 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 60.4721, 0.3707, 0.5424 by changing the saturation by 10% instead.


 60.4721, 0.3707,
0.5424

 60.4721, 0.3707,
0.5424


426.3357, 0.3541,
0.4405

 43.7993, 0.3704,
0.5640


 105.5142, 0.3680,
0.5078

 30.5127, 0.3677,
0.5890


 134.6523, 0.3660,
0.4940

 20.2281, 0.3607,
0.6180


 168.7142, 0.3638,
0.4820

 12.5610, 0.3473,
0.6527

 208.0844, 0.3617,
0.4716

 7.1269, 0.3172,
0.6828

 253.1473, 0.3597,
0.4624

 3.5416, 0.2715,
0.7285

 304.2872, 0.3577,

 1.4206, 0.1223,

0.4542

0.8777

361.8885, 0.3558,
0.4470

■ 0.2318, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4721, 0.3707,
0.5424

■ 60.4721, 0.3707,
0.5424

■ 60.2605, 0.3697,
0.5446

■ 61.2245, 0.3731,
0.5334

■ 62.0866, 0.3731,
0.5196

■ 63.0771, 0.3706,
0.5011

■ 64.2083, 0.3656,
0.4787

■ 65.4907, 0.3586,
0.4535

■ 66.9337, 0.3500,
0.4265

■ 68.5458, 0.3404,
0.3991

■ 70.3348, 0.3302,
0.3720

■ 72.3081, 0.3198,
0.3461

Harmonies

Analogous

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



60.4721, 0.4652, 0.4832



60.4721, 0.3707, 0.5424



60.4721, 0.2679, 0.5198

Triad

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



60.4721, 0.3707, 0.5424



60.4721, 0.1316, 0.1974



60.4721, 0.4456, 0.2610

Complementary

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



60.4721, 0.3707, 0.5424



6.6963, 0.1700, 0.0722

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.



60.4721, 0.3253, 0.2059



60.4721, 0.3707, 0.5424



60.4721, 0.1589, 0.1693

Square

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



60.4721, 0.3707, 0.5424



60.4721, 0.1376, 0.2712



60.4721, 0.2224, 0.1738



60.4721, 0.5257, 0.3292

Rectangle

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



60.4721, 0.3707, 0.5424



60.4721, 0.2071, 0.4447



60.4721, 0.2224, 0.1738



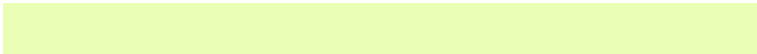
60.4721, 0.4068, 0.2406

Sweetspot

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



60.4748, 0.3707, 0.5424



92.3750, 0.3426, 0.4053



19.4213, 0.5988, 0.3597



19.5699, 0.3468, 0.4171



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.



60.4748, 0.3707, 0.5424



81.5973, 0.3694, 0.5449



53.6679, 0.3095, 0.5906



15.8252, 0.3224, 0.3525



35.4915, 0.3705, 0.5440



2.5045, 0.3783, 0.5379

Inverse Universe

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



6.6963, 0.1700, 0.0722



8.5946, 0.1664, 0.0690



14.3089, 0.2636, 0.1236



13.4295, 0.3024, 0.3051



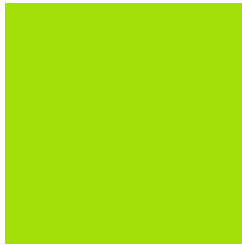
3.8012, 0.1683, 0.0701



0.3078, 0.1846, 0.0791

Previews

White Background



This preview shows how the Yxy color 60.4721, 0.3707, 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 60.4721, 0.3707, 0.5424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

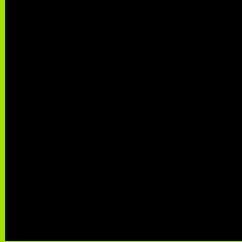
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4721, 0.3707, 0.5424

Background



This preview shows how black text looks on a background with the Yxy color 60.4721, 0.3707, 0.5424.



This preview shows how white text looks on a background with the Yxy color 60.4721, 0.3707, 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

60.4721, 0.3707, 0.5424

Protanopia

59.8437, 0.4402, 0.4887

Deuteranopia

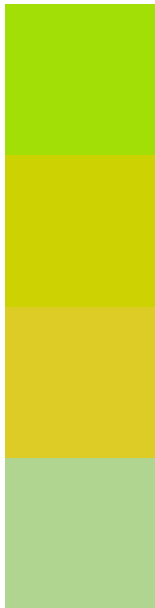
59.6758, 0.4601, 0.4501



Tritanopia

60.0747, 0.2842, 0.3088

Trichromacy



Original Color

60.4721, 0.3707, 0.5424

Protanomaly

59.5720, 0.4142, 0.5089

Deuteranomaly

58.6915, 0.4284, 0.4859

Tritanomaly

58.7468, 0.3304, 0.4166

Monochromacy



Original Color

60.4721, 0.3707, 0.5424

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

49.6484, 0.3521, 0.4350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4721, 0.3707, 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(162, 223, 7)` looks like.

```
.text, #text, p{  
    color:rgb(162, 223, 7)  
}
```

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(162, 223, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 223, 7) }
```

Border

The CSS property to change the border of an element to Yxy 60.4721, 0.3707, 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(162, 223, 7) }
```

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

```
.border{ border-color:rgb(162, 223, 7) }
```

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

Here you see how a box with a 4 pixel rgb(162, 223, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 223, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 223, 7);  
box-shadow:4px 4px 4px 4px rgb(162, 223,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4721, 0.3707, 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(162, 223, 7) }
```

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

```
.background{ background-color: rgb(162,  
223, 7) }
```

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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