

Converting Colors

$Yxy(61.4871, 0.3555, 0.5108)$

Have a look what the booklet for
Yxy(61.4871, 0.3555, 0.5108)
contains.

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Color

Yxy(61.4871, 0.3555, 0.5108)

Conversions

Conversions Part 1

Format	Color
Hex	A2E04A
RGB	162, 224, 74
RGB Percent	64%, 88%, 29%
CMY	0.3647, 0.1216, 0.7097
CMYK	0.28, 0.00, 0.67, 0.12
HSL	85°, 71%, 58%
HSV	85°, 67%, 88%
XYZ	42.7930, 61.4871, 16.0940
YIQ	188.3620, 11.1980, -59.7940

Conversions

Conversions Part 2

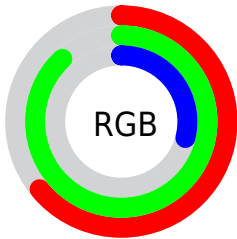
Format	Color
RYB	74, 224, 136
Decimal	10674250
CIELab	82.64, -41.95, 64.32
CIElCh	83, 76.794, 123.113
Yxy	61.4871, 0.3555, 0.5108
Android (android.graphics.Color)	4288864330 (0xFFA2E04A)
YUV	188.3620, -56.3805, -23.1195
Hunter-Lab	78.4137, -39.8105, 42.7206

Details

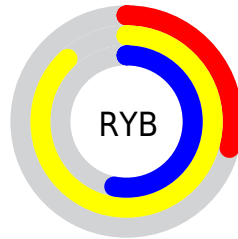
The Yxy color **61.4871, 0.3555, 0.5108** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **15.5182, 0.2292, 0.1365**, and the grayscale version is **50.8314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3473, 0.3606, 0.4597**, and **31.0085, 0.3555, 0.5559** is the 20% darker color. If you saturate the color by 10%, you get **60.3053, 0.3559, 0.5319**, and if you desaturate by 10%, it is **62.8532, 0.3527, 0.4858**.

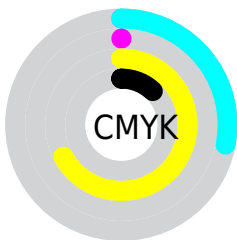
Distribution



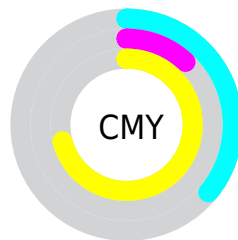
- Red (64%)
- Green (88%)
- Blue (29%)



- Red (29%)
- Yellow (88%)
- Blue (53%)



- Cyan (28%)
- Magenta (0%)
- Yellow (67%)
- Black (12%)




- Cyan (36%)
- Magenta (12%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4871, 0.3555, 0.5108 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 61.4871, 0.3555, 0.5108 by changing the saturation by 10% instead.


 61.4871, 0.3555,
0.5108

 61.4871, 0.3555,
0.5108


430.0577, 0.3417,
0.4214


 44.6184, 0.3563,
0.5314


 106.9839, 0.3524,
0.4794

 31.1570, 0.3557,
0.5563


 136.3808, 0.3507,
0.4672

 20.7184, 0.3525,
0.5867


 170.7225, 0.3490,
0.4568

 12.9183, 0.3444,
0.6245

 210.3935, 0.3473,
0.4478

 7.3723, 0.3273,
0.6727

 255.7781, 0.3458,
0.4399

 3.6960, 0.2847,
0.7153

307.2608, 0.3443,

 1.5050, 0.1689,

0.4330

0.8311

365.2258, 0.3430,
0.4269

0.2923, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.4871, 0.3555,
0.5108

61.4871, 0.3555,
0.5108

60.3053, 0.3559,
0.5319

62.8532, 0.3527,
0.4858

59.2861, 0.3540,
0.5480


64.4072, 0.3480,
0.4582

58.4151, 0.3498,
0.5589

66.1623, 0.3417,
0.4293


58.1711, 0.3483,
0.5616

68.1280, 0.3344,
0.4005

 70.3133, 0.3265,
0.3726

 72.7263, 0.3184,
0.3462

 75.3749, 0.3103,
0.3218

 78.2664, 0.3024,
0.2995

 80.0074, 0.3075,
0.2983

Harmonies

Analogous

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



61.4871, 0.4388, 0.4755



61.4871, 0.3555, 0.5108



61.4871, 0.2660, 0.4740

Triad

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



61.4871, 0.3555, 0.5108



61.4871, 0.1552, 0.2109



61.4871, 0.4374, 0.2798

Complementary

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



61.4871, 0.3555, 0.5108



15.5182, 0.2292, 0.1365

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.



61.4871, 0.3390, 0.2278



61.4871, 0.3555, 0.5108



61.4871, 0.1845, 0.1885

Square

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



61.4871, 0.3555, 0.5108



61.4871, 0.1574, 0.2709



61.4871, 0.2466, 0.1957



61.4871, 0.4974, 0.3429

Rectangle

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



61.4871, 0.3555, 0.5108



61.4871, 0.2147, 0.4087



61.4871, 0.2466, 0.1957



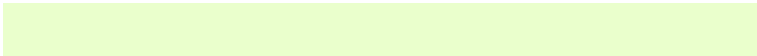
61.4871, 0.4066, 0.2608

Sweetspot

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



61.4898, 0.3555, 0.5108



93.3581, 0.3291, 0.3813



33.3965, 0.4782, 0.3943



19.8041, 0.3313, 0.3892



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.



61.4898, 0.3555, 0.5108



80.3800, 0.3555, 0.5383



55.9328, 0.3092, 0.5402



15.7325, 0.3204, 0.3526



33.9274, 0.3493, 0.5608



2.4038, 0.3599, 0.5524

Inverse Universe

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



15.5182, 0.2292, 0.1365



14.7659, 0.2092, 0.1055



23.8384, 0.3037, 0.1716



13.5186, 0.3045, 0.3052



4.5387, 0.1870, 0.0804



0.3662, 0.2044, 0.0900

Previews

White Background



This preview shows how the Yxy color 61.4871, 0.3555, 0.5108 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 61.4871, 0.3555, 0.5108 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 61.4871, 0.3555, 0.5108

Background



This preview shows how black text looks on a background with the Yxy color 61.4871, 0.3555, 0.5108.



This preview shows how white text looks on a background with the Yxy color 61.4871, 0.3555, 0.5108.

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

61.4871, 0.3555, 0.5108

Protanopia

60.7503, 0.4234, 0.4658

Deuteranopia

60.9303, 0.4449, 0.4348



Tritanopia

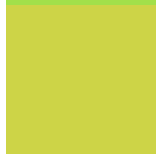
60.9157, 0.2818, 0.3088

Trichromacy



Original Color

61.4871, 0.3555, 0.5108



Protanomaly

60.5210, 0.3976, 0.4826



Deuteranomaly

60.0940, 0.4109, 0.4629



Tritanomaly

60.0321, 0.3123, 0.3838

Monochromacy



Original Color

61.4871, 0.3555, 0.5108



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

53.4636, 0.3345, 0.3997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4871, 0.3555, 0.5108 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, 224, 74)` looks like.

```
.text, #text, p{  
    color:rgb(162, 224, 74)  
}
```

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, 224, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 224, 74) }
```

Border

The CSS property to change the border of an element to Yxy 61.4871, 0.3555, 0.5108 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, 224, 74) }
```

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

```
.border{ border-color:rgb(162, 224, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 224, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 224, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 224, 74);  
box-shadow:4px 4px 4px 4px rgb(162, 224,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4871, 0.3555, 0.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 224, 74) }
```

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

```
.background{ background-color: rgb(162,  
224, 74) }
```

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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