

Converting Colors

$Yxy(61.1141, 0.3491, 0.5147)$

Have a look what the booklet for
Yxy(61.1141, 0.3491, 0.5147)
contains.

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Color

Yxy(61.2149, 0.3492, 0.5152)

Conversions

Conversions Part 1

Format	Color
Hex	9AE14A
RGB	154, 225, 74
RGB Percent	60%, 88%, 29%
CMY	0.3960, 0.1176, 0.7097
CMYK	0.32, 0.00, 0.67, 0.12
HSL	88°, 72%, 59%
HSV	88°, 67%, 88%
XYZ	41.4912, 61.2149, 16.1117
YIQ	186.5570, 6.1550, -62.0130

Conversions

Conversions Part 2

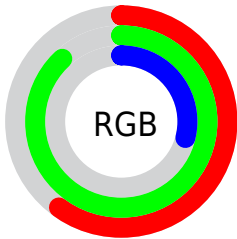
Format	Color
RYB	74, 225, 145
Decimal	10150218
CIELab	82.49, -45.25, 64.03
CIElCh	82, 78.407, 125.248
Yxy	61.2149, 0.3492, 0.5152
Android (android.graphics.Color)	4288340298 (0xFF9AE14A)
YUV	186.5570, -55.4906, -28.5525
Hunter-Lab	78.2400, -42.2602, 42.5586

Details

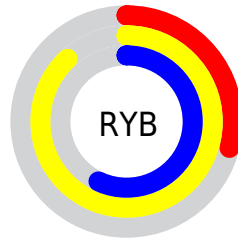
The Yxy color **61.2149, 0.3492, 0.5152** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **16.3584, 0.2369, 0.1398**, and the grayscale version is **49.7524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1288, 0.3552, 0.4623**, and **30.9173, 0.3476, 0.5622** is the 20% darker color. If you saturate the color by 10%, you get **59.9736, 0.3488, 0.5373**, and if you desaturate by 10%, it is **62.6615, 0.3473, 0.4892**.

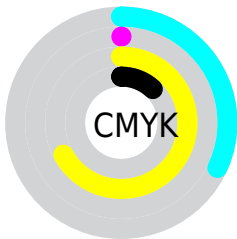
Distribution



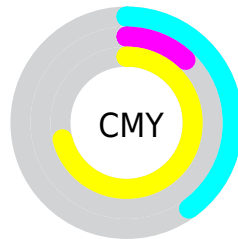
- Red (60%)
- Green (88%)
- Blue (29%)



- Red (29%)
- Yellow (88%)
- Blue (57%)



- Cyan (32%)
- Magenta (0%)
- Yellow (67%)
- Black (12%)




- Cyan (40%)
- Magenta (12%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2149, 0.3492, 0.5152 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 61.2149, 0.3492, 0.5152 by changing the saturation by 10% instead.


 61.2149, 0.3492,
0.5152

 61.2149, 0.3492,
0.5152

429.0615, 0.3385,
0.4230


 44.3986, 0.3492,
0.5366


 106.5900, 0.3473,
0.4826


 30.9840, 0.3477,
0.5627


 135.9177, 0.3460,
0.4701

 20.5867, 0.3432,
0.5947


 170.1846, 0.3446,
0.4593

 12.8222, 0.3333,
0.6348

 209.7751, 0.3433,
0.4501

 7.3062, 0.3137,
0.6863

 255.0737, 0.3420,
0.4420

 3.6543, 0.2677,
0.7323

306.4647, 0.3408,

 1.4822, 0.1241,

0.4349

0.8759

364.3325, 0.3396,
0.4286

0.2761, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.2149, 0.3492,
0.5152

61.2149, 0.3492,
0.5152

59.9736, 0.3488,
0.5373

62.6615, 0.3473,
0.4892

58.9150, 0.3461,
0.5542


64.3179, 0.3436,
0.4606


58.0234, 0.3414,
0.5656


66.1982, 0.3383,
0.4310


57.7879, 0.3399,
0.5683

68.3129, 0.3320,
0.4015

 70.6714, 0.3250,
0.3732

 73.2829, 0.3178,
0.3466

 76.1558, 0.3106,
0.3221

 79.2982, 0.3036,
0.2998

 81.2524, 0.3102,
0.2996

Harmonies

Analogous

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



61.2149, 0.4353, 0.4820



61.2149, 0.3492, 0.5152



61.2149, 0.2585, 0.4718

Triad

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



61.2149, 0.3492, 0.5152



61.2149, 0.1536, 0.2058



61.2149, 0.4463, 0.2830

Complementary

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



61.2149, 0.3492, 0.5152



16.3584, 0.2369, 0.1398

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.



61.2149, 0.3468, 0.2292



61.2149, 0.3492, 0.5152



61.2149, 0.1855, 0.1856

Square

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



61.2149, 0.3492, 0.5152



61.2149, 0.1534, 0.2636



61.2149, 0.2510, 0.1949



61.2149, 0.5033, 0.3474

Rectangle

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



61.2149, 0.3492, 0.5152



61.2149, 0.2078, 0.4024



61.2149, 0.2510, 0.1949



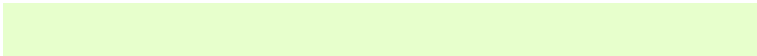
61.2149, 0.4156, 0.2634

Sweetspot

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



61.2176, 0.3492, 0.5152



92.8722, 0.3272, 0.3816



36.5955, 0.4691, 0.4055



19.6876, 0.3292, 0.3896



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.



61.2176, 0.3492, 0.5152



78.9949, 0.3479, 0.5455



56.0105, 0.3046, 0.5436



15.6929, 0.3195, 0.3527



33.3700, 0.3410, 0.5675



2.3662, 0.3524, 0.5584

Inverse Universe

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



16.3584, 0.2369, 0.1398



15.4418, 0.2172, 0.1085



25.5484, 0.3144, 0.1764



13.5576, 0.3054, 0.3053



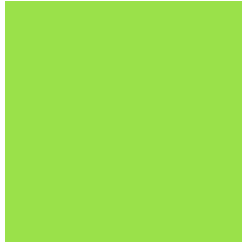
4.9591, 0.1970, 0.0859



0.3967, 0.2141, 0.0953

Previews

White Background



This preview shows how the Yxy color 61.2149, 0.3492, 0.5152 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 61.2149, 0.3492, 0.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

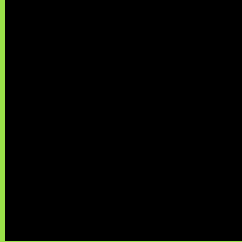
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2149, 0.3492, 0.5152

Background



This preview shows how black text looks on a background with the Yxy color 61.2149, 0.3492, 0.5152.



This preview shows how white text looks on a background with the Yxy color 61.2149, 0.3492, 0.5152.

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

61.2149, 0.3492, 0.5152

Protanopia

60.7503, 0.4234, 0.4658

Deuteranopia

60.2945, 0.4449, 0.4343



Tritanopia

60.7532, 0.2773, 0.3086

Trichromacy



Original Color

61.2149, 0.3492, 0.5152



Protanomaly

60.0985, 0.3951, 0.4842



Deuteranomaly

59.1473, 0.4090, 0.4636



Tritanomaly

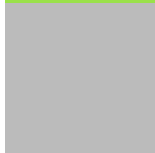
59.7566, 0.3072, 0.3858

Monochromacy



Original Color

61.2149, 0.3492, 0.5152



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.9626, 0.3319, 0.4018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2149, 0.3492, 0.5152 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(154, 225, 74)` looks like.

```
.text, #text, p{  
    color:rgb(154, 225, 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(154, 225, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 225, 74) }
```

Border

The CSS property to change the border of an element to Yxy 61.2149, 0.3492, 0.5152 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(154, 225, 74) }
```

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

```
.border{ border-color:rgb(154, 225, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 225, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 225, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 225, 74);  
box-shadow:4px 4px 4px 4px rgb(154, 225,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2149, 0.3492, 0.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 225, 74) }
```

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

```
.background{ background-color: rgb(154,  
225, 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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