

Converting Colors

$Yxy(52.6990, 0.3488, 0.4544)$

Have a look what the booklet for
Yxy(52.6990, 0.3488, 0.4544)
contains.

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Color

Yxy(52.5270, 0.3489, 0.4542)

Conversions

Conversions Part 1

Format	Color
Hex	A7CC6E
RGB	167, 204, 110
RGB Percent	65%, 80%, 43%
CMY	0.3450, 0.2000, 0.5685
CMYK	0.18, 0.00, 0.46, 0.20
HSL	84°, 48%, 62%
HSV	84°, 46%, 80%
XYZ	40.3493, 52.5270, 22.7710
YIQ	182.2210, 8.1220, -37.0780

Conversions

Conversions Part 2

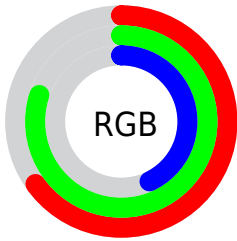
Format	Color
RYB	110, 204, 147
Decimal	10996846
CIELab	77.59, -27.64, 42.66
CIELCh	78, 50.831, 122.946
Yxy	52.5270, 0.3489, 0.4542
Android (android.graphics.Color)	4289186926 (0xFFA7CC6E)
YUV	182.2210, -35.6050, -13.3488
Hunter-Lab	72.4755, -27.4557, 32.1046

Details

The Yxy color **52.5270, 0.3489, 0.4542** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **21.7198, 0.2591, 0.1974**, and the grayscale version is **47.1055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0116, 0.3460, 0.4260**, and **25.6392, 0.3541, 0.4906** is the 20% darker color. If you saturate the color by 10%, you get **51.2875, 0.3542, 0.4815**, and if you desaturate by 10%, it is **53.9277, 0.3422, 0.4258**.

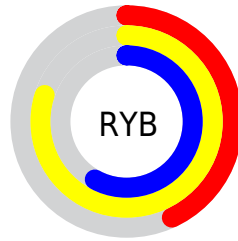
Distribution



Red (65%)

Green (80%)

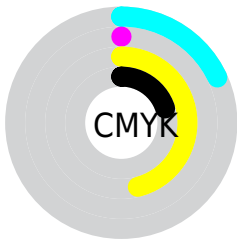
Blue (43%)



Red (43%)

Yellow (80%)

Blue (58%)

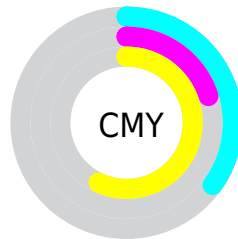


Cyan (18%)

Magenta (0%)

Yellow (46%)

Black (20%)



Cyan (35%)


Magenta (20%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5270, 0.3489, 0.4542 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 52.5270, 0.3489, 0.4542 by changing the saturation by 10% instead.


 52.5270, 0.3489,
0.4542


 52.5270, 0.3489,
0.4542

396.4678, 0.3338,
0.3907


 37.4253, 0.3515,
0.4699


 93.9080, 0.3442,
0.4311

 25.5370, 0.3542,
0.4898


 120.9561, 0.3422,
0.4224

 16.4776, 0.3563,
0.5157


 152.7551, 0.3404,
0.4151

 9.8627, 0.3566,
0.5499

 189.6894, 0.3388,
0.4088

 5.3080, 0.3564,
0.6044

232.1434, 0.3373,
0.4034

 2.4291, 0.3349,
0.6651

280.5016, 0.3360,

 0.8408, 0.1288,

0.3986

0.8712

335.1482, 0.3348,
0.3944

0.0000, 0.0000,
0.0000

52.5270, 0.3489,
0.4542

52.5270, 0.3489,
0.4542

51.2875, 0.3542,
0.4815

53.9277, 0.3422,
0.4258

50.1940, 0.3575,
0.5064

55.4900, 0.3345,
0.3973

49.2401, 0.3585,
0.5276

57.2231, 0.3262,
0.3698


48.4151, 0.3572,
0.5440

59.1334, 0.3178,
0.3439


47.7064, 0.3535,
0.5553


61.2268, 0.3095,
0.3198

 47.4503, 0.3518,
0.5589

 63.5091, 0.3014,
0.2977

 65.9856, 0.2937,
0.2777

 67.4316, 0.2980,
0.2765

 68.7996, 0.3037,
0.2774

Harmonies

Analogous

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



52.5270, 0.4083, 0.4381



52.5270, 0.3489, 0.4542



52.5270, 0.2830, 0.4256

Triad

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



52.5270, 0.3489, 0.4542



52.5270, 0.1950, 0.2449



52.5270, 0.3997, 0.2947

Complementary

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



52.5270, 0.3489, 0.4542



21.7198, 0.2591, 0.1974

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.



52.5270, 0.3323, 0.2541



52.5270, 0.3489, 0.4542



52.5270, 0.2181, 0.2251

Square

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



52.5270, 0.3489, 0.4542



52.5270, 0.1982, 0.2916



52.5270, 0.2659, 0.2293



52.5270, 0.4424, 0.3443

Rectangle

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



52.5270, 0.3489, 0.4542



52.5270, 0.2445, 0.3840



52.5270, 0.2659, 0.2293



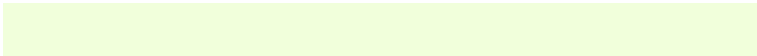
52.5270, 0.3787, 0.2798

Sweetspot

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



52.5293, 0.3489, 0.4542



95.3433, 0.3247, 0.3648



34.5362, 0.4132, 0.3755



20.2652, 0.3265, 0.3707



0.0000, 0.0000, 0.0000



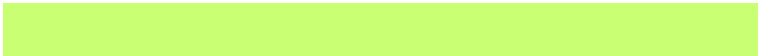
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5293, 0.3489, 0.4542



85.0074, 0.3540, 0.4806



48.3749, 0.3133, 0.4694



12.8679, 0.3206, 0.3523



29.9221, 0.3527, 0.5582



1.5868, 0.3657, 0.5479

Inverse Universe

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



21.7198, 0.2591, 0.1974



27.9621, 0.2445, 0.1679



26.8591, 0.3063, 0.2138



11.0556, 0.3043, 0.3055



3.8749, 0.1842, 0.0788



0.2435, 0.2068, 0.0913

Previews

White Background



This preview shows how the Yxy color 52.5270, 0.3489, 0.4542 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 52.5270, 0.3489, 0.4542 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 52.5270, 0.3489, 0.4542

Background



This preview shows how black text looks on a background with the Yxy color 52.5270, 0.3489, 0.4542.



This preview shows how white text looks on a background with the Yxy color 52.5270, 0.3489, 0.4542.

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

52.5270, 0.3489, 0.4542

Protanopia

52.0038, 0.3952, 0.4299

Deuteranopia

52.2606, 0.4130, 0.4049



Tritanopia

52.3973, 0.2918, 0.3103

Trichromacy



Original Color

52.5270, 0.3489, 0.4542

Protanomaly

52.0107, 0.3775, 0.4398

Deuteranomaly

51.8638, 0.3884, 0.4230

Tritanomaly

52.0250, 0.3135, 0.3618

Monochromacy



Original Color

52.5270, 0.3489, 0.4542

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.5743, 0.3280, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5270, 0.3489, 0.4542 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(167, 204, 110)` looks like.

```
.text, #text, p{  
    color:rgb(167, 204, 110)  
}
```

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(167, 204, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 110) }
```

Border

The CSS property to change the border of an element to Yxy 52.5270, 0.3489, 0.4542 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(167, 204, 110) }
```

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

```
.border{ border-color:rgb(167, 204, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 204, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 110);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5270, 0.3489, 0.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 204, 110) }
```

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

```
.background{ background-color: rgb(167,  
204, 110) }
```

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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