

Converting Colors

Yxy(54.6973, 0.3899, 0.5286)

Have a look what the booklet for
Yxy(54.6973, 0.3899, 0.5286)
contains.

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Color

Yxy(54.5996, 0.3898, 0.5287)

Conversions

Conversions Part 1

Format	Color
Hex	AED100
RGB	174, 209, 0
RGB Percent	68%, 82%, 0%
CMY	0.3177, 0.1804, 1.0000
CMYK	0.17, 0.00, 1.00, 0.18
HSL	70°, 100%, 41%
HSV	70°, 100%, 82%
XYZ	40.2552, 54.5996, 8.4166
YIQ	174.7090, 46.2290, -72.4190

Conversions

Conversions Part 2

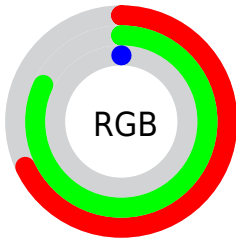
Format	Color
RYB	0, 209, 35
Decimal	11456768
CIELab	78.81, -33.17, 78.27
CIELCh	79, 85.009, 112.970
Yxy	54.5996, 0.3898, 0.5287
Android (android.graphics.Color)	4289646848 (0xFFAED100)
YUV	174.7090, -86.1315, -0.6218
Hunter-Lab	73.8915, -32.0656, 44.9706

Details

The Yxy color **54.5996, 0.3898, 0.5287** 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 **4.9616, 0.1568, 0.0638**, and the grayscale version is **43.1488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4995, 0.3888, 0.4901**, and **27.1557, 0.3760, 0.5396** is the 20% darker color. If you saturate the color by 10%, you get **54.6019, 0.3898, 0.5287**, and if you desaturate by 10%, it is **55.0633, 0.3907, 0.5224**.

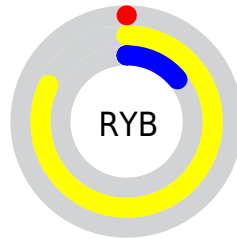
Distribution



Red (68%)

Green (82%)

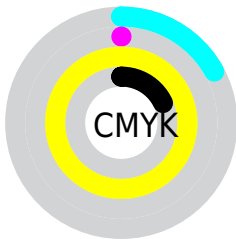
Blue (0%)



Red (0%)

Yellow (82%)

Blue (14%)

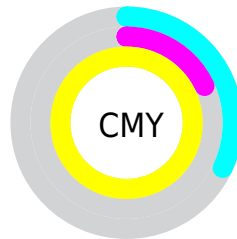


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (32%)


Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5996, 0.3898, 0.5287 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 54.5996, 0.3898, 0.5287 by changing the saturation by 10% instead.


 54.5996, 0.3898,
0.5287


 54.5996, 0.3898,
0.5287


404.3924, 0.3631,
0.4340


 39.0812, 0.3918,
0.5483


 96.9541, 0.3835,
0.4969


 26.8229, 0.3916,
0.5706


 124.5589, 0.3801,
0.4841


 17.4403, 0.3886,
0.5973


 156.9615, 0.3768,
0.4729

 10.5489, 0.3764,
0.6236

 194.5460, 0.3737,
0.4631

 5.7644, 0.3507,
0.6493

 237.6970, 0.3707,
0.4545

 2.7023, 0.3099,
0.6901

 286.7988, 0.3680,

 0.9784, 0.1070,

0.4469

0.8930

342.2358, 0.3655,
0.4401

■ 0.0000, 0.0000,
0.0000

■ 54.5996, 0.3898,
0.5287

■ 54.5996, 0.3898,
0.5287

■ 54.6019, 0.3898,
0.5287

■ 55.0633, 0.3907,
0.5224

■ 55.5932, 0.3895,
0.5122

■ 56.2117, 0.3856,
0.4974

■ 56.9294, 0.3793,
0.4785

■ 57.7554, 0.3708,
0.4562

■ 58.6977, 0.3605,
0.4315

■ 59.7634, 0.3491,
0.4056

■ 60.9592, 0.3370,
0.3794

■ 62.2910, 0.3248,
0.3536

Harmonies

Analogous

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



54.5996, 0.4771, 0.4655



54.5996, 0.3898, 0.5287



54.5996, 0.2895, 0.5252

Triad

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



54.5996, 0.3898, 0.5287



54.5996, 0.1347, 0.2118



54.5996, 0.4194, 0.2513

Complementary

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



54.5996, 0.3898, 0.5287



4.9616, 0.1568, 0.0638

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.



54.5996, 0.3031, 0.2011



54.5996, 0.3898, 0.5287



54.5996, 0.1550, 0.1762

Square

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



54.5996, 0.3898, 0.5287



54.5996, 0.1478, 0.2943



54.5996, 0.2099, 0.1747



54.5996, 0.5089, 0.3165

Rectangle

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



54.5996, 0.3898, 0.5287



54.5996, 0.2271, 0.4647



54.5996, 0.2099, 0.1747



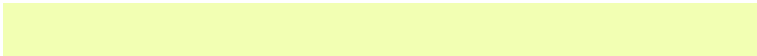
54.5996, 0.3806, 0.2324

Sweetspot

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



54.6021, 0.3898, 0.5287



93.6644, 0.3495, 0.4065



14.7490, 0.6244, 0.3424



19.8909, 0.3545, 0.4177



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.



54.6021, 0.3898, 0.5287



85.5590, 0.3895, 0.5290



46.8940, 0.3166, 0.5868



13.6932, 0.3241, 0.3521



33.7009, 0.3902, 0.5284



1.9116, 0.3959, 0.5239

Inverse Universe

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



4.9616, 0.1568, 0.0638



7.7275, 0.1562, 0.0634



10.1223, 0.2377, 0.1083



11.5115, 0.3007, 0.3051



3.0880, 0.1577, 0.0643



0.2028, 0.1736, 0.0730

Previews

White Background



This preview shows how the Yxy color 54.5996, 0.3898, 0.5287 looks on a white background.

Color Contrast Check

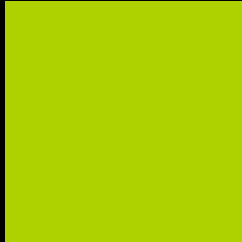
Large Text (above 18pt) WCAG AA × Fail

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 54.5996, 0.3898, 0.5287 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 54.5996, 0.3898, 0.5287

Background



This preview shows how black text looks on a background with the Yxy color 54.5996, 0.3898, 0.5287.



This preview shows how white text looks on a background with the Yxy color 54.5996, 0.3898, 0.5287.

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

54.5996, 0.3898, 0.5287

Protanopia

54.2459, 0.4411, 0.4880

Deuteranopia

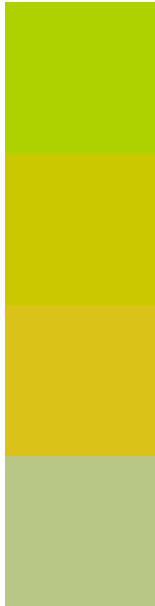
54.2440, 0.4655, 0.4563



Tritanopia

54.3131, 0.2988, 0.3096

Trichromacy



Original Color

54.5996, 0.3898, 0.5287

Protanomaly

54.0051, 0.4219, 0.5032

Deuteranomaly

53.7096, 0.4383, 0.4837

Tritanomaly

52.8824, 0.3494, 0.4131

Monochromacy



Original Color

54.5996, 0.3898, 0.5287

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

45.8023, 0.3616, 0.4322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5996, 0.3898, 0.5287 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(174, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 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(174, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 0) }
```

Border

The CSS property to change the border of an element to Yxy 54.5996, 0.3898, 0.5287 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(174, 209, 0) }
```

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

```
.border{ border-color:rgb(174, 209, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 209,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5996, 0.3898, 0.5287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 0) }
```

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

```
.background{ background-color: rgb(174,  
209, 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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