

Converting Colors

Yxy(54.1087, 0.3557, 0.4848)

Have a look what the booklet for
Yxy(54.1087, 0.3557, 0.4848)
contains.

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Color

Yxy(54.1087, 0.3557, 0.4848)

Conversions

Conversions Part 1

Format	Color
Hex	A3D159
RGB	163, 209, 89
RGB Percent	64%, 82%, 35%
CMY	0.3610, 0.1803, 0.6510
CMYK	0.22, 0.00, 0.57, 0.18
HSL	83°, 57%, 58%
HSV	83°, 57%, 82%
XYZ	39.6998, 54.1087, 17.8019
YIQ	181.5660, 11.1040, -47.0720

Conversions

Conversions Part 2

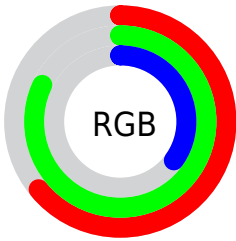
Format	Color
R_{YB}	89, 209, 135
Decimal	10735961
CIE _{Lab}	78.53, -33.68, 53.61
CIE _{LCh}	79, 63.314, 122.138
Yxy	54.1087, 0.3557, 0.4848
Android (android.graphics.Color)	4288926041 (0xFFA3D159)
YUV	181.5660, -45.6350, -16.2824
Hunter-Lab	73.5586, -32.3906, 37.1423

Details

The Yxy color **54.1087, 0.3557, 0.4848** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **16.9054, 0.2406, 0.1621**, and the grayscale version is **46.7748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7188, 0.3541, 0.4473**, and **26.4148, 0.3598, 0.5272** is the 20% darker color. If you saturate the color by 10%, you get **52.9885, 0.3589, 0.5091**, and if you desaturate by 10%, it is **55.3871, 0.3505, 0.4579**.

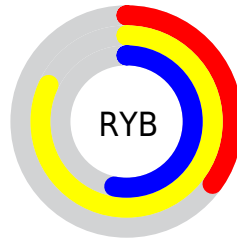
Distribution



Red (64%)

Green (82%)

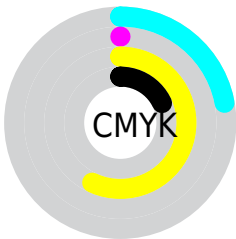
Blue (35%)



Red (35%)

Yellow (82%)

Blue (53%)

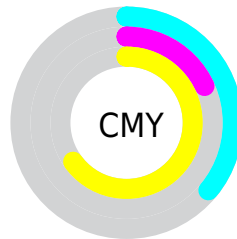


Cyan (22%)

Magenta (0%)

Yellow (57%)

Black (18%)



Cyan (36%)


Magenta (18%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1087, 0.3557, 0.4848 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 54.1087, 0.3557, 0.4848 by changing the saturation by 10% instead.


 54.1087, 0.3557,
0.4848


 54.1087, 0.3557,
0.4848


402.5244, 0.3392,
0.4064

 38.6886, 0.3578,
0.5037


 96.2338, 0.3511,
0.4567


 26.5175, 0.3593,
0.5271


 123.7076, 0.3490,
0.4459

 17.2112, 0.3592,
0.5566


 155.9681, 0.3470,
0.4368

 10.3852, 0.3549,
0.5939

 193.3996, 0.3451,
0.4290

 5.6551, 0.3476,
0.6524

236.3866, 0.3435,
0.4222

 2.6365, 0.3056,
0.6944

285.3135, 0.3419,

 0.9451, 0.0734,

0.4163

0.9266

340.5646, 0.3405,
0.4110

0.0000, 0.0000,
0.0000

54.1087, 0.3557,
0.4848

54.1087, 0.3557,
0.4848

52.9885, 0.3589,
0.5091

55.3871, 0.3505,
0.4579

52.0096, 0.3597,
0.5295

56.8251, 0.3438,
0.4296

51.1632, 0.3581,
0.5450

58.4331, 0.3360,
0.4012

50.4344, 0.3543,
0.5554

60.2181, 0.3277,
0.3735

50.2592, 0.3532,
0.5578

62.1871, 0.3191,
0.3473

■ 64.3464, 0.3105,
0.3229

■ 66.7019, 0.3023,
0.3005

■ 69.1812, 0.2951,
0.2813

■ 70.5174, 0.3007,
0.2821

Harmonies

Analogous

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



54.1087, 0.4278, 0.4580



54.1087, 0.3557, 0.4848



54.1087, 0.2764, 0.4531

Triad

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



54.1087, 0.3557, 0.4848



54.1087, 0.1724, 0.2274



54.1087, 0.4178, 0.2851

Complementary

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



54.1087, 0.3557, 0.4848



16.9054, 0.2406, 0.1621

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.



54.1087, 0.3334, 0.2384



54.1087, 0.3557, 0.4848



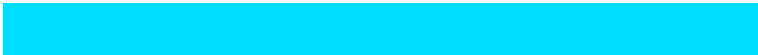
54.1087, 0.1982, 0.2049

Square

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



54.1087, 0.3557, 0.4848



54.1087, 0.1761, 0.2828



54.1087, 0.2533, 0.2100



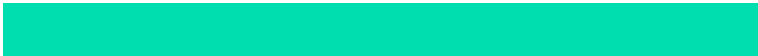
54.1087, 0.4715, 0.3424

Rectangle

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



54.1087, 0.3557, 0.4848



54.1087, 0.2303, 0.4000



54.1087, 0.2533, 0.2100



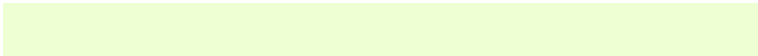
54.1087, 0.3913, 0.2679

Sweetspot

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



54.1111, 0.3557, 0.4848



94.4954, 0.3275, 0.3729



31.6084, 0.4484, 0.3855



20.0989, 0.3292, 0.3784



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.



54.1111, 0.3557, 0.4848



82.7084, 0.3593, 0.5143



49.2137, 0.3121, 0.5085



13.5616, 0.3208, 0.3524



31.0412, 0.3541, 0.5570



1.7805, 0.3661, 0.5475

Inverse Universe

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



16.9054, 0.2406, 0.1621



18.9842, 0.2212, 0.1280



23.3528, 0.3036, 0.1886



11.6357, 0.3041, 0.3054



3.9486, 0.1826, 0.0779



0.2659, 0.2036, 0.0895

Previews

White Background



This preview shows how the Yxy color 54.1087, 0.3557, 0.4848 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 54.1087, 0.3557, 0.4848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

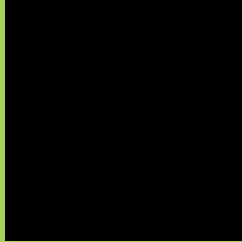
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1087, 0.3557, 0.4848

Background



This preview shows how black text looks on a background with the Yxy color 54.1087, 0.3557, 0.4848.

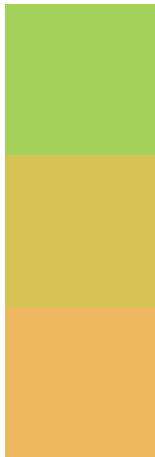


This preview shows how white text looks on a background with the Yxy color 54.1087, 0.3557, 0.4848.

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

54.1087, 0.3557, 0.4848

Protanopia

53.6707, 0.4119, 0.4519

Deuteranopia

53.3027, 0.4316, 0.4220



Tritanopia

53.8170, 0.2885, 0.3092

Trichromacy



Original Color

54.1087, 0.3557, 0.4848

Protanomaly

53.2545, 0.3907, 0.4637

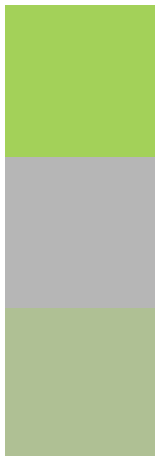
Deuteranomaly

52.7791, 0.4036, 0.4446

Tritanomaly

53.4475, 0.3153, 0.3737

Monochromacy



Original Color

54.1087, 0.3557, 0.4848

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.9514, 0.3321, 0.3882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1087, 0.3557, 0.4848 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(163, 209, 89)` looks like.

```
.text, #text, p{  
    color:rgb(163, 209, 89)  
}
```

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(163, 209, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 209, 89) }
```

Border

The CSS property to change the border of an element to Yxy 54.1087, 0.3557, 0.4848 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(163, 209, 89) }
```

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

```
.border{ border-color:rgb(163, 209, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 209, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 209, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 209, 89);  
box-shadow:4px 4px 4px 4px rgb(163, 209,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1087, 0.3557, 0.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 209, 89) }
```

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

```
.background{ background-color: rgb(163,  
209, 89) }
```

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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