

Converting Colors

Yxy(53.9030, 0.3478, 0.4668)

Have a look what the booklet for
Yxy(53.9030, 0.3478, 0.4668)
contains.

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Color

Yxy(53.8978, 0.3479, 0.4669)

Conversions

Conversions Part 1

Format	Color
Hex	A3D068
RGB	163, 208, 104
RGB Percent	64%, 82%, 41%
CMY	0.3607, 0.1843, 0.5922
CMYK	0.22, 0.00, 0.50, 0.18
HSL	86°, 53%, 61%
HSV	86°, 50%, 82%
XYZ	40.1607, 53.8978, 21.3790
YIQ	182.6890, 6.5640, -41.8840

Conversions

Conversions Part 2

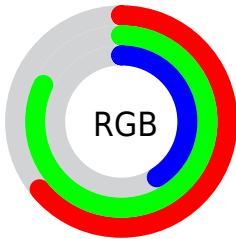
Format	Color
RYB	104, 208, 149
Decimal	10735720
CIELab	78.40, -31.71, 46.52
CIELCh	78, 56.298, 124.281
Yxy	53.8978, 0.3479, 0.4669
Android (android.graphics.Color)	4288925800 (0xFFA3D068)
YUV	182.6890, -38.7937, -17.2673
Hunter-Lab	73.4151, -30.8305, 34.1249

Details

The Yxy color **53.8978, 0.3479, 0.4669** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **20.8390, 0.2570, 0.1865**, and the grayscale version is **47.3905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1700, 0.3466, 0.4331**, and **26.2907, 0.3520, 0.5045** is the 20% darker color. If you saturate the color by 10%, you get **52.6122, 0.3518, 0.4942**, and if you desaturate by 10%, it is **55.3600, 0.3424, 0.4381**.

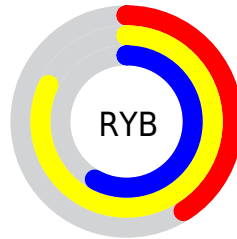
Distribution



Red (64%)

Green (82%)

Blue (41%)



Red (41%)

Yellow (82%)

Blue (58%)

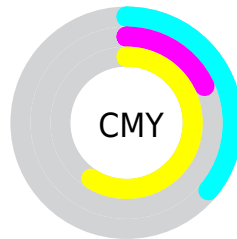


Cyan (22%)

Magenta (0%)

Yellow (50%)

Black (18%)



Cyan (36%)


Magenta (18%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8978, 0.3479, 0.4669 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 53.8978, 0.3479, 0.4669 by changing the saturation by 10% instead.


 53.8978, 0.3479,
0.4669


 53.8978, 0.3479,
0.4669


401.7202, 0.3340,
0.3970

 38.5200, 0.3500,
0.4841


 95.9242, 0.3438,
0.4416

 26.3865, 0.3517,
0.5057


 123.3415, 0.3420,
0.4320

 17.1130, 0.3524,
0.5336


 155.5408, 0.3403,
0.4240

 10.3151, 0.3504,
0.5701

 192.9064, 0.3388,
0.4170

 5.6084, 0.3488,
0.6319

235.8227, 0.3374,
0.4110

 2.6084, 0.3159,
0.6841

284.6742, 0.3362,

 0.9309, 0.1057,

0.4058

0.8943

339.8452, 0.3350,
0.4011

0.0000, 0.0000,
0.0000

53.8978, 0.3479,
0.4669

53.8978, 0.3479,
0.4669

52.6122, 0.3518,
0.4942

55.3600, 0.3424,
0.4381

51.4867, 0.3536,
0.5185

56.9999, 0.3357,
0.4091

50.5136, 0.3532,
0.5386

58.8278, 0.3283,
0.3808

49.6806, 0.3504,
0.5535

60.8507, 0.3205,
0.3540

48.9673, 0.3457,
0.5637

63.0754, 0.3127,
0.3290

■ 65.5084, 0.3051,
0.3062

■ 68.1557, 0.2978,
0.2854

■ 69.9920, 0.3006,
0.2811

■ 71.5620, 0.3070,
0.2820

Harmonies

Analogous

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



53.8978, 0.4136, 0.4490



53.8978, 0.3479, 0.4669



53.8978, 0.2765, 0.4337

Triad

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



53.8978, 0.3479, 0.4669



53.8978, 0.1859, 0.2355



53.8978, 0.4111, 0.2935

Complementary

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



53.8978, 0.3479, 0.4669



20.8390, 0.2570, 0.1865

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.



53.8978, 0.3373, 0.2495



53.8978, 0.3479, 0.4669



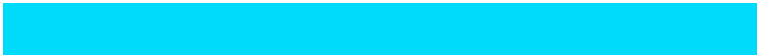
53.8978, 0.2118, 0.2160

Square

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



53.8978, 0.3479, 0.4669



53.8978, 0.1877, 0.2843



53.8978, 0.2642, 0.2220



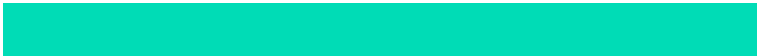
53.8978, 0.4561, 0.3468

Rectangle

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



53.8978, 0.3479, 0.4669



53.8978, 0.2354, 0.3862



53.8978, 0.2642, 0.2220



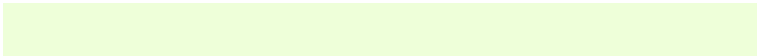
53.8978, 0.3882, 0.2774

Sweetspot

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



53.9002, 0.3479, 0.4669



94.7732, 0.3245, 0.3676



35.3785, 0.4228, 0.3835



20.1407, 0.3262, 0.3734



0.0000, 0.0000, 0.0000



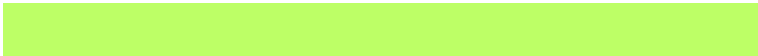
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9002, 0.3479, 0.4669



83.2763, 0.3520, 0.4960



49.5997, 0.3107, 0.4843



13.5325, 0.3200, 0.3524



30.5766, 0.3467, 0.5629



1.7561, 0.3597, 0.5526

Inverse Universe

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



20.8390, 0.2570, 0.1865



25.0663, 0.2415, 0.1553



26.6400, 0.3091, 0.2060



11.6641, 0.3049, 0.3054



4.2465, 0.1906, 0.0823



0.2839, 0.2115, 0.0939

Previews

White Background



This preview shows how the Yxy color 53.8978, 0.3479, 0.4669 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 53.8978, 0.3479, 0.4669 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 53.8978, 0.3479, 0.4669

Background



This preview shows how black text looks on a background with the Yxy color 53.8978, 0.3479, 0.4669.

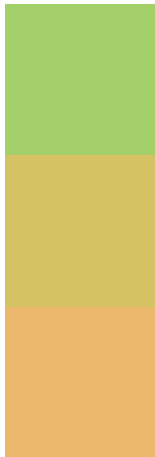


This preview shows how white text looks on a background with the Yxy color 53.8978, 0.3479, 0.4669.

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

53.8978, 0.3479, 0.4669

Protanopia

53.6306, 0.4009, 0.4389

Deuteranopia

53.2396, 0.4198, 0.4097



Tritanopia

53.6983, 0.2878, 0.3091

Trichromacy



Original Color

53.8978, 0.3479, 0.4669

Protanomaly

53.3885, 0.3808, 0.4490

Deuteranomaly

52.7779, 0.3918, 0.4302

Tritanomaly

53.2099, 0.3111, 0.3643

Monochromacy



Original Color

53.8978, 0.3479, 0.4669

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.2625, 0.3284, 0.3799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8978, 0.3479, 0.4669 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, 208, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 208, 104)  
}
```

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, 208, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 208, 104) }
```

Border

The CSS property to change the border of an element to Yxy 53.8978, 0.3479, 0.4669 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, 208, 104) }
```

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

```
.border{ border-color:rgb(163, 208, 104) }
```

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

Here you see how a box with a 4 pixel rgb(163, 208, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 208, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 208, 104);  
box-shadow:4px 4px 4px 4px rgb(163, 208,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8978, 0.3479, 0.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 208, 104) }
```

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

```
.background{ background-color: rgb(163,  
208, 104) }
```

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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