

Converting Colors

YUV(122.3810, -51.9528,
-43.3071)

Have a look what the booklet for
YUV(122.3810, -51.9528, -43.3071)
contains.

YUV(122.3810, -51.9528, -43.3071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.3810, -51.9528,
-43.3071)**

Conversions

Conversions Part 1

Format	Color
Hex	49A811
RGB	73, 168, 17
RGB Percent	29%, 66%, 7%
CMY	0.7137, 0.3412, 0.9333
CMYK	0.57, 0.00, 0.90, 0.34
HSL	98°, 82%, 36%
HSV	98°, 90%, 66%
XYZ	16.8515, 29.4622, 5.3289
YIQ	122.3810, -8.1490, -67.1010

Conversions

Conversions Part 2

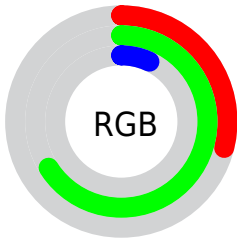
Format	Color
RYB	17, 168, 112
Decimal	4827153
CIELab	61.19, -51.81, 59.92
CIELCh	61, 79.219, 130.849
Yxy	29.4622, 0.3263, 0.5705
Android (android.graphics.Color)	4283017233 (0xFF49A811)
YUV	122.3810, -51.9528, -43.3071
Hunter-Lab	54.2791, -39.5714, 32.1745

Details

The YUV color **122.3810, -51.9528, -43.3071** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **62.6190, 51.9528, 43.3071**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0760, -49.3375, -42.1627**, and **67.5050, -33.2800, -59.2019** is the 20% darker color. If you saturate the color by 10%, you get **117.1540, -57.7569, -48.3701**, and if you desaturate by 10%, it is **127.6080, -46.1487, -38.2442**.

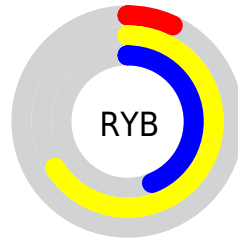
Distribution



Red (29%)

Green (66%)

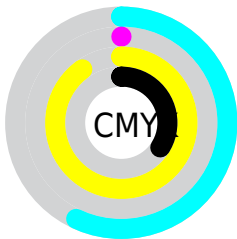
Blue (7%)



Red (7%)

Yellow (66%)

Blue (44%)

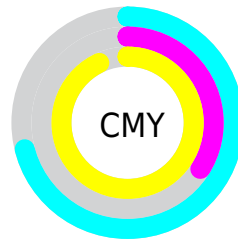


Cyan (57%)

Magenta (0%)

Yellow (90%)

Black (34%)



Cyan (71%)

Magenta (34%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3810, -51.9528, -43.3071 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 YUV color 122.3810, -51.9528, -43.3071 by changing the saturation by 10% instead.

■ 122.3810,
-51.9528, -43.3071

■ 122.3810,
-51.9528, -43.3071

■ 255.0000, 0.0000,
0.0000

■ 94.4280, -46.5530,
-48.6104

■ 180.0760,
-49.3375, -42.1627

■ 67.5050, -33.2800,
-59.2019

■ 208.8480,
-50.2111, -41.9627

■ 52.2430, -25.7558,
-45.8171

■ 221.8850,
-42.8343, -27.9631

■ 38.1550, -18.8104,
-33.4619

■ 234.0470,
-35.0262, -12.3192

■ 25.2410, -12.4438,
-22.1364

■ 246.2090,
-27.2180, 3.3247

■ 4.6960, -2.3151,
-4.1184

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.3160, -2.6208,
0.5999

■ 122.3810,
-51.9528, -43.3071

■ 122.3810,
-51.9528, -43.3071

■ 117.1540,
-57.7569, -48.3701

■ 127.6080,
-46.1487, -38.2442

■ 132.5360,
-40.1972, -33.7961

■ 137.6490,
-34.8300, -28.6332

■ 142.5770,
-28.8785, -24.1850

■ 147.8040,
-23.0744, -19.1221

■ 152.7320,
-17.1229, -14.6740

■ 157.9590,
-11.3188, -9.6110

■ 163.0720, -5.9515,
-4.4481

■ 168.0000, 0.0000,
0.0000

Harmonies

Analogous

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



136.1560, -67.1249, 16.5262



122.3810, -51.9528, -43.3071



114.5980, -7.6898, -100.5024

Triad

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



122.3810, -51.9528, -43.3071



127.6860, 62.7658, -111.9806



128.6500, -1.7994, 110.8090

Complementary

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



122.3810, -51.9528, -43.3071



62.6190, 51.9528, 43.3071

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.



142.1680, 26.0462, 92.8147



122.3810, -51.9528, -43.3071



115.9460, 68.5536, -101.6846

Square

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



122.3810, -51.9528, -43.3071



131.0310, 52.7357, -114.9142



151.2810, 51.1335, 26.0636



137.4480, -39.1679, 103.0931

Rectangle

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



122.3810, -51.9528, -43.3071



121.3580, 13.1345, -106.4310



151.2810, 51.1335, 26.0636



130.7990, 8.9731, 108.9243

Sweetspot

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



122.3810, -51.9528, -43.3071



201.2110, -20.3170, -16.8480



116.7400, -49.1718, 44.9550



99.4320, -12.0450, -10.0259



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



122.3810, -51.9528, -43.3071



152.7720, -75.3166, -62.9440



107.6890, -35.8357, -79.5343



81.5930, -2.7573, -2.2741



103.3210, -50.9373, -42.3775



14.1320, -6.9671, -5.3778

Inverse Universe

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



62.6190, 51.9528, 43.3071



66.2280, 75.3166, 62.9440



77.3110, 35.8357, 79.5343



78.4070, 2.7573, 2.2741



44.6790, 50.9373, 42.3775



6.1670, 6.8197, 5.9925

Previews

White Background



This preview shows how the YUV color 122.3810, -51.9528, -43.3071 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.3810, -51.9528, -43.3071 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 × Fail

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

YUV 122.3810, -51.9528, -43.3071 Background



This preview shows how black text looks on a background with the YUV color 122.3810, -51.9528, -43.3071.



This preview shows how white text looks on a background with the YUV color 122.3810, -51.9528, -43.3071.

-43.3071.

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

122.3810, -51.9528, -43.3071

Protanopia

136.6070, -64.3893, 25.7777

Deuteranopia

140.9410, -50.7499, 37.7627



Tritanopia

140.1400, 14.2280, -36.9568

Trichromacy



Original Color

122.3810, -51.9528, -43.3071

Protanomaly

131.5930, -59.9453, 0.3569

Deuteranomaly

134.5260, -51.5313, 8.3087

Tritanomaly

133.5270, -9.6268, -39.0502

Monochromacy



Original Color

122.3810, -51.9528, -43.3071

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2650, -18.8646, -16.0184

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3810, -51.9528, -43.3071 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(73, 168, 17)` looks like.

```
.text, #text, p{  
    color:rgb(73, 168, 17)  
}
```

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(73, 168, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 168, 17) }
```

Border

The CSS property to change the border of an element to YUV 122.3810, -51.9528, -43.3071 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(73, 168, 17) }
```


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

```
.border{ border-color:rgb(73, 168, 17) }
```

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

Here you see how a box with a 4 pixel rgb(73, 168, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 168, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 168, 17);  
box-shadow:4px 4px 4px 4px rgb(73, 168,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 122.3810, -51.9528, -43.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 168, 17) }
```

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

```
.background{ background-color: rgb(73, 168,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor