

Converting Colors

YUV(126.2510, -38.0847,
-58.1021)

Have a look what the booklet for
YUV(126.2510, -38.0847, -58.1021)
contains.

YUV(126.2510, -38.0847, -58.1021)	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(126.2510, -38.0847,
-58.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	3CAF31
RGB	60, 175, 49
RGB Percent	24%, 69%, 19%
CMY	0.7647, 0.3137, 0.8078
CMYK	0.66, 0.00, 0.72, 0.31
HSL	115°, 56%, 44%
HSV	115°, 72%, 69%
XYZ	17.7478, 31.8424, 8.1165
YIQ	126.2510, -28.0940, -63.5660

Conversions

Conversions Part 2

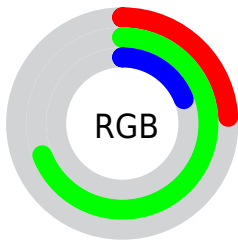
Format	Color
RYB	49, 175, 164
Decimal	3977009
CIELab	63.21, -55.65, 52.40
CIElCh	63, 76.437, 136.721
Yxy	31.8424, 0.3076, 0.5518
Android (android.graphics.Color)	4282167089 (0xFF3CAF31)
YUV	126.2510, -38.0847, -58.1021
Hunter-Lab	56.4290, -42.6097, 30.9723

Details

The YUV color **126.2510, -38.0847, -58.1021** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **97.7490, 38.0847, 58.1021**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4040, -40.1322, -54.7283**, and **71.0270, -35.0163, -62.2907** is the 20% darker color. If you saturate the color by 10%, you get **119.5290, -43.1518, -66.2389**, and if you desaturate by 10%, it is **133.0870, -32.5809, -50.0653**.

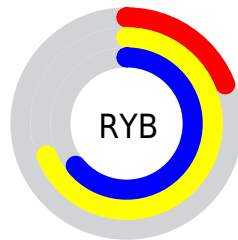
Distribution



Red (24%)

Green (69%)

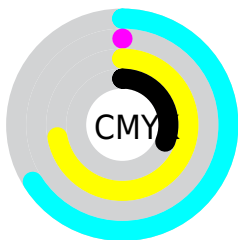
Blue (19%)



Red (19%)

Yellow (69%)

Blue (64%)

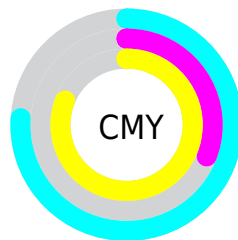


Cyan (66%)

Magenta (0%)

Yellow (72%)

Black (31%)



Cyan (76%)

Magenta (31%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2510, -38.0847, -58.1021 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 126.2510, -38.0847, -58.1021 by changing the saturation by 10% instead.

■ 126.2510,
-38.0847, -58.1021

■ 126.2510,
-38.0847, -58.1021

■ 255.0000, 0.0000,
0.0000

■ 93.7120, -37.3260,
-68.1534

■ 184.4040,
-40.1322, -54.7283

■ 71.0270, -35.0163,
-62.2907

■ 209.5400,
-39.7062, -51.3396

■ 55.7650, -27.4921,
-48.9059

■ 221.4030,
-31.7507, -36.3104

■ 41.0900, -20.2574,
-36.0359

■ 233.5650,
-23.9425, -20.6665

■ 28.1760, -13.8908,
-24.7104

■ 245.7270,
-16.1344, -5.0226

■ 11.1530, -5.4984,
-9.7812

■ 253.5180, -5.6784,

■ 0.0000, 0.0000,

1.2997

0.0000

■ 126.2510,
-38.0847, -58.1021

■ 126.2510,
-38.0847, -58.1021

■ 119.5290,
-43.1518, -66.2389

■ 133.0870,
-32.5809, -50.0653

■ 112.6930,
-48.6556, -74.2758

■ 139.8090,
-27.5138, -41.9285

■ 107.2100,
-52.8545, -80.8682

■ 146.6450,
-22.0100, -33.8917

■ 153.3670,
-16.9429, -25.7549

■ 160.2030,
-11.4391, -17.7180

■ 166.9250, -6.3720,
-9.5812

■ 173.6470, -1.3050,
-1.4444

■ 180.4830, 4.1989,
6.5924

■ 187.3190, 9.7027,
14.6292

Harmonies

Analogous

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



138.7590, -68.4082, 8.1044



126.2510, -38.0847, -58.1021



120.4000, -0.6902, -105.5908

Triad

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



126.2510, -38.0847, -58.1021



128.8600, 62.1870, -113.0102



136.6570, -9.1979, 103.7868

Complementary

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



126.2510, -38.0847, -58.1021



97.7490, 38.0847, 58.1021

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.



146.7570, 19.3468, 94.9291



126.2510, -38.0847, -58.1021



137.7730, 57.7929, -56.8059

Square

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



126.2510, -38.0847, -58.1021



134.8610, 57.2565, -118.2731



156.9470, 44.3961, 40.3885



145.1990, -44.9611, 94.5415

Rectangle

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



126.2510, -38.0847, -58.1021



127.0460, 19.6973, -111.4193



156.9470, 44.3961, 40.3885



137.5180, 1.7166, 103.0317

Sweetspot

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



126.2510, -38.0847, -58.1021



207.5460, -15.0592, -23.2808



153.0050, -51.2745, 19.2896



103.5070, -9.1240, -13.5996



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



126.2510, -38.0847, -58.1021



151.5480, -58.9372, -89.9346



128.6620, -14.6234, -69.8636



83.5820, -2.7519, -4.0184



91.9370, -45.3249, -69.2277



14.0990, -6.9508, -10.6108

Inverse Universe

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



97.7490, 38.0847, 58.1021



107.4520, 58.9372, 89.9346



95.3380, 14.6234, 69.8636



81.4180, 2.7519, 4.0184



58.0630, 45.3249, 69.2277



8.9010, 6.9508, 10.6108

Previews

White Background



This preview shows how the YUV color 126.2510, -38.0847, -58.1021 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 YUV color 126.2510, -38.0847, -58.1021 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](#).

YUV 126.2510, -38.0847, -58.1021 Background



This preview shows how black text looks on a background with the YUV color 126.2510, -38.0847, -58.1021.



This preview shows how white text looks on a background with the YUV color 126.2510, -38.0847, -58.1021.

-58.1021.

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

126.2510, -38.0847, -58.1021

Protanopia

144.9560, -50.2643, 21.9636

Deuteranopia

147.8790, -43.3243, 36.0631



Tritanopia

143.0680, 16.7285, -45.6636

Trichromacy



Original Color

126.2510, -38.0847, -58.1021



Protanomaly

137.9200, -45.8096, -6.9458



Deuteranomaly

139.8270, -41.3267, 1.9057



Tritanomaly

136.7690, -3.3371, -49.7864

Monochromacy



Original Color

126.2510, -38.0847, -58.1021



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.1980, -13.9016, -21.2216

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2510, -38.0847, -58.1021 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(60, 175, 49)` looks like.

```
.text, #text, p{  
    color:rgb(60, 175, 49)  
}
```

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(60, 175, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 175, 49) }
```

Border

The CSS property to change the border of an element to YUV 126.2510, -38.0847, -58.1021 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(60, 175, 49) }
```


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

```
.border{ border-color:rgb(60, 175, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 175, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 175, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 175, 49);  
box-shadow:4px 4px 4px 4px rgb(60, 175,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 126.2510, -38.0847, -58.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 175, 49) }
```

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

```
.background{ background-color: rgb(60, 175,  
49) }
```

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