

Converting Colors

YUV(127.4970, -37.7130,
-37.2699)

Have a look what the booklet for
YUV(127.4970, -37.7130, -37.2699)
contains.

YUV(127.4970, -37.7130, -37.2699)	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(127.4970, -37.7130,
-37.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	55A433
RGB	85, 164, 51
RGB Percent	33%, 64%, 20%
CMY	0.6667, 0.3569, 0.8000
CMYK	0.48, 0.00, 0.69, 0.36
HSL	102°, 53%, 42%
HSV	102°, 69%, 64%
XYZ	17.6193, 28.7212, 7.7471
YIQ	127.4970, -10.8110, -51.8910

Conversions

Conversions Part 2

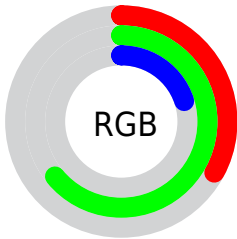
Format	Color
RYB	51, 164, 130
Decimal	5612595
CIELab	60.53, -44.80, 49.08
CIELCh	61, 66.452, 132.388
Yxy	28.7212, 0.3258, 0.5310
Android (android.graphics.Color)	4283802675 (0xFF55A433)
YUV	127.4970, -37.7130, -37.2699
Hunter-Lab	53.5922, -35.1015, 28.9438

Details

The YUV color **127.4970, -37.7130, -37.2699** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87.5030, 37.7130, 37.2699**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0410, -39.4602, -36.8700**, and **71.7350, -35.3654, -43.6176** is the 20% darker color. If you saturate the color by 10%, you get **122.3840, -43.0803, -42.4328**, and if you desaturate by 10%, it is **132.6100, -32.3457, -32.1070**.

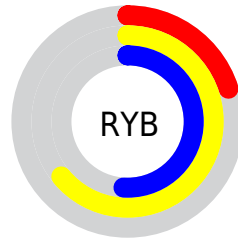
Distribution



Red (33%)

Green (64%)

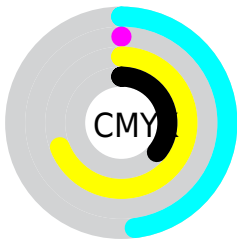
Blue (20%)



Red (20%)

Yellow (64%)

Blue (51%)

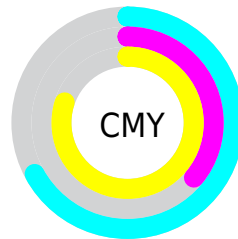


Cyan (48%)

Magenta (0%)

Yellow (69%)

Black (36%)



Cyan (67%)

Magenta (36%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4970, -37.7130, -37.2699 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 127.4970, -37.7130, -37.2699 by changing the saturation by 10% instead.

■ 127.4970,
-37.7130, -37.2699

■ 127.4970,
-37.7130, -37.2699

■ 255.0000, 0.0000,
0.0000

■ 99.6710, -38.2918,
-38.2995

■ 183.0410,
-39.4602, -36.8700

■ 71.7350, -35.3654,
-43.6176

■ 210.9270,
-39.8970, -36.7700

■ 50.4820, -24.8876,
-44.2727

■ 226.7850,
-34.4040, -25.2444

■ 36.3940, -17.9422,
-31.9175

■ 238.6480,
-26.4485, -10.2153

■ 24.0670, -11.8650,
-21.1068

■ 250.2120,
-18.3455, 4.1991

■ 2.3480, -1.1576,
-2.0592

■ 253.5180, -5.6784,

■ 0.0000, 0.0000,

1.2997

0.0000

■ 127.4970,
-37.7130, -37.2699

■ 127.4970,
-37.7130, -37.2699

■ 122.3840,
-43.0803, -42.4328

■ 132.6100,
-32.3457, -32.1070

■ 116.8580,
-48.7370, -48.1105

■ 138.1360,
-26.6890, -26.4293

■ 111.7450,
-54.1043, -53.2734

■ 143.2490,
-21.3218, -21.2664

■ 110.9190,
-54.6831, -54.3030

■ 148.7750,
-15.6651, -15.5887

■ 153.8880,
-10.2978, -10.4258

■ 159.3000, -5.0779,
-4.6481

■ 164.5270, 0.7262,
0.4148

■ 169.9390, 5.9461,
6.1925

■ 175.1660, 11.7502,
11.2554

Harmonies

Analogous

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



134.0850, -66.1039, 15.7115



127.4970, -37.7130, -37.2699



112.6890, -2.3117, -98.8283

Triad

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



127.4970, -37.7130, -37.2699



124.1640, 64.5021, -108.8918



140.2540, -8.0132, 97.1242

Complementary

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



127.4970, -37.7130, -37.2699



87.5030, 37.7130, 37.2699

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.



145.1200, 18.6748, 77.0708



127.4970, -37.7130, -37.2699



132.1250, 60.5774, -63.2536

Square

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



127.4970, -37.7130, -37.2699



125.9130, 48.3569, -110.4257



149.9360, 40.9506, 25.4891



140.6630, -35.3299, 85.3645

Rectangle

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



127.4970, -37.7130, -37.2699



118.5370, 15.0183, -103.9569



149.9360, 40.9506, 25.4891



141.3490, 1.3069, 94.4099

Sweetspot

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



127.4970, -37.7130, -37.2699



199.6010, -15.0863, -14.5591



129.9860, -38.9401, 29.8303



98.2410, -8.9928, -8.9814



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



127.4970, -37.7130, -37.2699



156.6320, -59.4716, -58.4363



119.7250, -23.5284, -60.2718



79.1800, -3.0467, -2.7889



98.2710, -48.4476, -47.5957



12.0610, -5.9461, -6.1925

Inverse Universe

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



87.5030, 37.7130, 37.2699



93.6670, 59.3242, 59.0510



95.2750, 23.5284, 60.2718



75.8200, 3.0467, 2.7889



47.0280, 48.3002, 48.2104



5.6400, 6.0935, 5.5777

Previews

White Background



This preview shows how the YUV color 127.4970, -37.7130, -37.2699 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 127.4970, -37.7130, -37.2699 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 127.4970, -37.7130, -37.2699 Background



This preview shows how black text looks on a background with the YUV color 127.4970, -37.7130, -37.2699.



This preview shows how white text looks on a background with the YUV color 127.4970, -37.7130, -37.2699.

-37.2699.

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

127.4970, -37.7130, -37.2699

Protanopia

139.0960, -45.8963, 20.9638

Deuteranopia

141.6660, -40.2613, 33.6189



Tritanopia

140.1300, 12.7539, -30.8090

Trichromacy



Original Color

127.4970, -37.7130, -37.2699

Protanomaly

135.0610, -42.9211, -0.0535

Deuteranomaly

136.1420, -39.0170, 7.7685

Tritanomaly

135.5970, -5.7173, -32.9726

Monochromacy



Original Color

127.4970, -37.7130, -37.2699

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9540, -13.7813, -13.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4970, -37.7130, -37.2699 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(85, 164, 51)` looks like.

```
.text, #text, p{  
    color:rgb(85, 164, 51)  
}
```

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(85, 164, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 164, 51) }
```

Border

The CSS property to change the border of an element to YUV 127.4970, -37.7130, -37.2699 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(85, 164, 51) }
```


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

```
.border{ border-color:rgb(85, 164, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 164, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 164, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 164, 51);  
box-shadow:4px 4px 4px 4px rgb(85, 164,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 127.4970, -37.7130, -37.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 164, 51) }
```

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

```
.background{ background-color: rgb(85, 164,  
51) }
```

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