

Converting Colors

YUV(138.8370, -13.2306,
-49.8460)

Have a look what the booklet for
YUV(138.8370, -13.2306, -49.8460)
contains.

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Color

**YUV(138.8370, -13.2306,
-49.8460)**

Conversions

Conversions Part 1

Format	Color
Hex	52AD70
RGB	82, 173, 112
RGB Percent	32%, 68%, 44%
CMY	0.6784, 0.3216, 0.5608
CMYK	0.53, 0.00, 0.35, 0.32
HSL	140°, 36%, 50%
HSV	140°, 53%, 68%
XYZ	21.3479, 32.8508, 20.5449
YIQ	138.8370, -34.6550, -38.2630

Conversions

Conversions Part 2

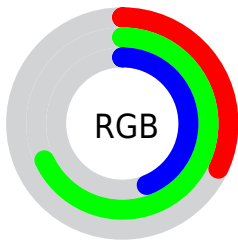
Format	Color
RYB	82, 150, 173
Decimal	5418352
CIELab	64.04, -41.07, 23.29
CIELCh	64, 47.211, 150.445
Yxy	32.8508, 0.2856, 0.4395
Android (android.graphics.Color)	4283608432 (0xFF52AD70)
YUV	138.8370, -13.2306, -49.8460
Hunter-Lab	57.3156, -33.8180, 18.8683

Details

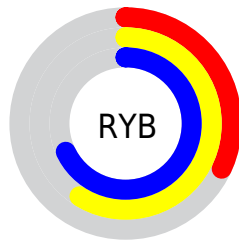
The YUV color **138.8370, -13.2306, -49.8460** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **116.1630, 13.2306, 49.8460**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0820, -14.8304, -50.0609**, and **83.0040, -9.8620, -57.0085** is the 20% darker color. If you saturate the color by 10%, you get **132.3860, -15.9663, -59.0975**, and if you desaturate by 10%, it is **145.2880, -10.4950, -40.5946**.

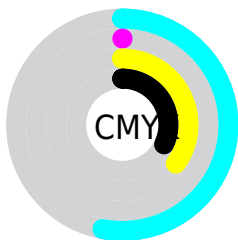
Distribution



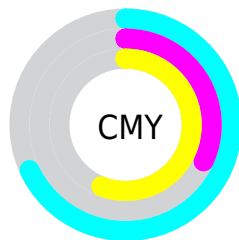
- Red (32%)
- Green (68%)
- Blue (44%)



- Red (32%)
- Yellow (59%)
- Blue (68%)



- Cyan (53%)
- Magenta (0%)
- Yellow (35%)
- Black (32%)



- Cyan (68%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8370, -13.2306, -49.8460 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 138.8370, -13.2306, -49.8460 by changing the saturation by 10% instead.

■ 138.8370,
-13.2306, -49.8460

■ 138.8370,
-13.2306, -49.8460

■ 255.0000, 0.0000,
0.0000

■ 111.4670,
-12.0622, -51.2756

■ 194.0820,
-14.8304, -50.0609

■ 83.0040, -9.8620,
-57.0085

■ 220.7940,
-14.6884, -48.9313

■ 59.8520, -9.2940,
-52.4902

■ 232.6570, -6.7329,
-33.9022

■ 43.2560, -11.9582,
-37.9355

■ 244.6340, 1.6594,
-18.9730

■ 27.5890, -13.6014,
-24.1956

■ 254.1030, 0.4422,
-1.8443

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 138.8370,
-13.2306, -49.8460

■ 138.8370,
-13.2306, -49.8460

■ 132.3860,
-15.9663, -59.0975

■ 145.2880,
-10.4950, -40.5946

■ 125.7500,
-18.1177, -69.0637

■ 151.9240, -8.3435,
-30.6283

■ 119.2990,
-20.8534, -78.3152

■ 158.3750, -5.6079,
-21.3769

■ 112.9620,
-23.1523, -87.6667

■ 164.7120, -3.3090,
-12.0254

■ 108.0490,
-25.1672, -94.7590

■ 171.4620, -0.7208,
-2.1592

■ 177.9130, 2.0149,
7.0923

■ 184.2500, 4.3137,
16.4438

■ 190.7010, 7.0494,
25.6952

■ 197.3370, 9.2009,
35.6615

Harmonies

Analogous

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



146.6390, -32.8530, -9.3304



138.8370, -13.2306, -49.8460



120.8680, 16.3341, -106.0012

Triad

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



138.8370, -13.2306, -49.8460



144.2000, 46.7364, -57.1804



155.2660, -19.8511, 67.2957

Complementary

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



138.8370, -13.2306, -49.8460



116.1630, 13.2306, 49.8460

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.



157.5920, -0.7849, 65.2558



138.8370, -13.2306, -49.8460



158.0610, 34.4799, 0.8235

Square

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



138.8370, -13.2306, -49.8460



125.7820, 50.3935, -110.3108



159.7860, 18.3465, 42.2837



154.0410, -35.5162, 51.7070

Rectangle

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



138.8370, -13.2306, -49.8460



124.1740, 29.0012, -108.9006



159.7860, 18.3465, 42.2837



155.5850, -13.5994, 68.7700

Sweetspot

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



138.8370, -13.2306, -49.8460



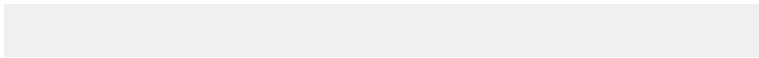
210.5000, -5.1765, -19.7325



153.9550, -35.4738, -8.7305



104.1250, -3.0196, -11.5106



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



138.8370, -13.2306, -49.8460



171.1250, -20.2746, -77.2856



143.8530, 5.9885, -54.2451



83.6250, -1.2941, -4.9331



93.7500, -21.5688, -82.2188



14.4130, -3.1616, -12.6402

Inverse Universe

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



116.1630, 13.2306, 49.8460



135.9890, 20.7114, 77.1856



111.1470, -5.9885, 54.2451



81.3750, 1.2941, 4.9331



56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 138.8370, -13.2306, -49.8460 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 138.8370, -13.2306, -49.8460 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 138.8370, -13.2306, -49.8460 Background



This preview shows how black text looks on a background with the YUV color 138.8370, -13.2306, -49.8460.



This preview shows how white text looks on a background with the YUV color 138.8370, -13.2306, -49.8460.

-49.8460.

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

138.8370, -13.2306, -49.8460

Protanopia

152.1870, -23.7562, 12.9910

Deuteranopia

154.4470, -17.9684, 23.2870



Tritanopia

146.7480, 15.4072, -41.8750

Trichromacy



Original Color

138.8370, -13.2306, -49.8460

Protanomaly

147.3690, -19.9019, -9.9706

Deuteranomaly

148.7380, -16.1398, -3.2782

Tritanomaly

143.9790, 4.9404, -44.7086

Monochromacy



Original Color

138.8370, -13.2306, -49.8460

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.6250, -4.7451, -18.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8370, -13.2306, -49.8460 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(82, 173, 112)` looks like.

```
.text, #text, p{  
    color:rgb(82, 173, 112)  
}
```

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(82, 173, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 173, 112) }
```

Border

The CSS property to change the border of an element to YUV 138.8370, -13.2306, -49.8460 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(82, 173, 112) }
```


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

```
.border{ border-color:rgb(82, 173, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 173, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 173, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 173, 112);  
box-shadow:4px 4px 4px 4px rgb(82, 173,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 138.8370, -13.2306, -49.8460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 173, 112) }
```

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

```
.background{ background-color: rgb(82, 173,  
112) }
```

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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