

Converting Colors

YUV(137.5350, -21.9558,
-51.3352)

Have a look what the booklet for
YUV(137.5350, -21.9558, -51.3352)
contains.

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Color

**YUV(137.5350, -21.9558,
-51.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB05D
RGB	79, 176, 93
RGB Percent	31%, 69%, 36%
CMY	0.6902, 0.3098, 0.6353
CMYK	0.55, 0.00, 0.47, 0.31
HSL	129°, 38%, 50%
HSV	129°, 55%, 69%
XYZ	20.7256, 33.5032, 15.7303
YIQ	137.5350, -31.1690, -46.3770

Conversions

Conversions Part 2

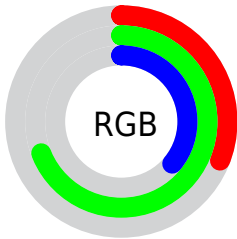
Format	Color
RYB	79, 164, 176
Decimal	5222493
CIELab	64.57, -46.32, 33.96
CIELCh	65, 57.438, 143.749
Yxy	33.5032, 0.2963, 0.4789
Android (android.graphics.Color)	4283412573 (0xFF4FB05D)
YUV	137.5350, -21.9558, -51.3352
Hunter-Lab	57.8820, -37.3787, 24.4044

Details

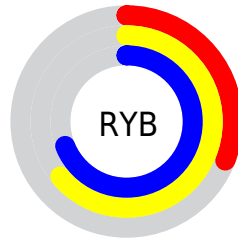
The YUV color **137.5350, -21.9558, -51.3352** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **117.4650, 21.9558, 51.3352**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3780, -23.8504, -50.3205**, and **78.1250, -16.8236, -64.1306** is the 20% darker color. If you saturate the color by 10%, you get **130.4430, -25.8544, -60.9015**, and if you desaturate by 10%, it is **144.6270, -18.0571, -41.7689**.

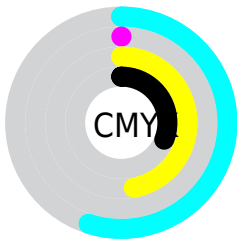
Distribution



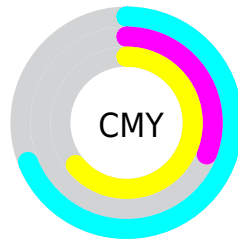
- Red (31%)
- Green (69%)
- Blue (36%)



- Red (31%)
- Yellow (64%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (47%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.5350, -21.9558, -51.3352 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 137.5350, -21.9558, -51.3352 by changing the saturation by 10% instead.

■ 137.5350,
-21.9558, -51.3352

■ 137.5350,
-21.9558, -51.3352

■ 255.0000, 0.0000,
0.0000

■ 109.8660,
-20.6399, -53.3795

■ 193.3780,
-23.8504, -50.3205

■ 78.1250, -16.8236,
-64.1306

■ 218.3290,
-22.8402, -47.6465

■ 59.2190, -19.3350,
-51.9351

■ 230.0780,
-15.3215, -32.5174

■ 42.2640, -20.8362,
-37.0655

■ 242.0550, -6.9291,
-17.5882

■ 28.7630, -14.1802,
-25.2252

■ 253.8040, 0.5896,
-2.4591

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 137.5350,
-21.9558, -51.3352

■ 137.5350,
-21.9558, -51.3352

■ 130.4430,
-25.8544, -60.9015

■ 144.6270,
-18.0571, -41.7689

■ 123.6500,
-29.9004, -69.8530

■ 151.4200,
-14.0111, -32.8173

■ 116.5580,
-33.7991, -79.4194

■ 158.5120,
-10.1124, -23.2510

■ 109.7650,
-37.8451, -88.3709

■ 165.3050, -6.0664,
-14.2995

■ 106.1620,
-40.0129, -93.1041

■ 172.3970, -2.1677,
-4.7332

■ 179.4890, 1.7309,
4.8331

■ 186.2820, 5.7770,
13.7847

■ 193.3740, 9.6756,
23.3510

■ 200.2810, 14.1585,
32.2026

Harmonies

Analogous

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



146.7680, -45.2416, -2.4275



137.5350, -21.9558, -51.3352



122.6630, 10.5191, -107.5755

Triad

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



137.5350, -21.9558, -51.3352



126.5120, 63.3446, -110.9510



154.5330, -18.0108, 83.7246

Complementary

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



137.5350, -21.9558, -51.3352



117.4650, 21.9558, 51.3352

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.



157.4930, 6.1660, 75.8666



137.5350, -21.9558, -51.3352



156.7630, 46.4588, -14.7012

Square

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



137.5350, -21.9558, -51.3352



131.0310, 52.7357, -114.9142



161.3050, 27.9506, 41.8285



153.8150, -39.3488, 67.6912

Rectangle

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



137.5350, -21.9558, -51.3352



127.2400, 25.5177, -111.5895



161.3050, 27.9506, 41.8285



155.0090, -9.8644, 84.1841

Sweetspot

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



137.5350, -21.9558, -51.3352



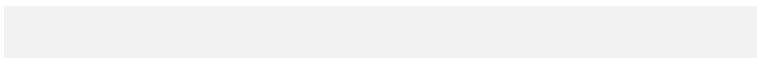
214.1640, -8.9549, -21.1918



161.0550, -40.4531, 1.7058



105.8430, -5.3456, -12.1403



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.



137.5350, -21.9558, -51.3352



169.7320, -34.3779, -80.4490



142.8930, -1.4262, -56.0342



85.5110, -1.7309, -4.8331



92.3190, -34.6673, -80.9638



15.7180, -5.7770, -13.7847

Inverse Universe

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



117.4650, 21.9558, 51.3352



138.2680, 34.3779, 80.4490



112.1070, 1.4262, 56.0342



83.6030, 2.1677, 4.7332



60.6810, 34.6673, 80.9638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 137.5350, -21.9558, -51.3352 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 137.5350, -21.9558, -51.3352 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 137.5350, -21.9558, -51.3352 Background



This preview shows how black text looks on a background with the YUV color 137.5350, -21.9558, -51.3352.



This preview shows how white text looks on a background with the YUV color 137.5350, -21.9558, -51.3352.

-51.3352.

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

137.5350, -21.9558, -51.3352

Protanopia

152.5050, -32.7870, 16.2201

Deuteranopia

154.7760, -27.0046, 28.2604



Tritanopia

147.8620, 15.8440, -41.9750

Trichromacy



Original Color

137.5350, -21.9558, -51.3352

Protanomaly

147.0890, -28.6379, -7.9711

Deuteranomaly

148.6430, -25.4600, -0.5639

Tritanomaly

144.1700, 1.8882, -45.7531

Monochromacy



Original Color

137.5350, -21.9558, -51.3352

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1150, -7.9447, -18.5179

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5350, -21.9558, -51.3352 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(79, 176, 93)` looks like.

```
.text, #text, p{  
    color:rgb(79, 176, 93)  
}
```

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(79, 176, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 176, 93) }
```

Border

The CSS property to change the border of an element to YUV 137.5350, -21.9558, -51.3352 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(79, 176, 93) }
```


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

```
.border{ border-color:rgb(79, 176, 93) }
```

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

Here you see how a box with a 4 pixel rgb(79, 176, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 176, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 176, 93);  
box-shadow:4px 4px 4px 4px rgb(79, 176,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 137.5350, -21.9558, -51.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 176, 93) }
```

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

```
.background{ background-color: rgb(79, 176,  
93) }
```

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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