

Converting Colors

YUV(128.2610, -33.1597,
-51.0949)

Have a look what the booklet for
YUV(128.2610, -33.1597, -51.0949)
contains.

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Color

**YUV(128.2610, -33.1597,
-51.0949)**

Conversions

Conversions Part 1

Format	Color
Hex	46AB3D
RGB	70, 171, 61
RGB Percent	27%, 67%, 24%
CMY	0.7255, 0.3294, 0.7608
CMYK	0.59, 0.00, 0.64, 0.33
HSL	115°, 47%, 45%
HSV	115°, 64%, 67%
XYZ	17.9310, 30.7648, 9.4080
YIQ	128.2610, -24.8860, -55.6220

Conversions

Conversions Part 2

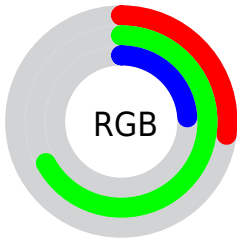
Format	Color
RYB	61, 171, 162
Decimal	4631357
CIELab	62.31, -50.77, 46.60
CIElCh	62, 68.914, 137.456
Yxy	30.7648, 0.3086, 0.5295
Android (android.graphics.Color)	4282821437 (0xFF46AB3D)
YUV	128.2610, -33.1597, -51.0949
Hunter-Lab	55.4661, -39.3603, 28.7696

Details

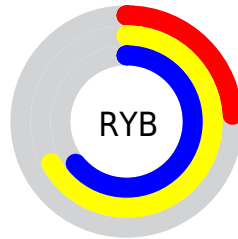
The YUV color **128.2610, -33.1597, -51.0949** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **103.7390, 33.1597, 51.0949**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4030, -35.2017, -49.4654**, and **69.2660, -34.1481, -60.7463** is the 20% darker color. If you saturate the color by 10%, you get **121.5390, -38.2267, -59.2317**, and if you desaturate by 10%, it is **134.9830, -28.0926, -42.9581**.

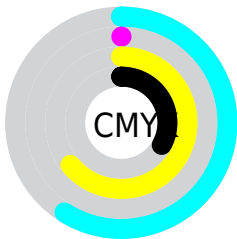
Distribution



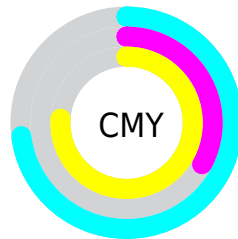
- Red (27%)
- Green (67%)
- Blue (24%)



- Red (24%)
- Yellow (67%)
- Blue (64%)



- Cyan (59%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2610, -33.1597, -51.0949 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 128.2610, -33.1597, -51.0949 by changing the saturation by 10% instead.

■ 128.2610,
-33.1597, -51.0949

■ 128.2610,
-33.1597, -51.0949

■ 255.0000, 0.0000,
0.0000

■ 99.4670, -32.2752,
-54.7836

■ 184.4030,
-35.2017, -49.4654

■ 69.2660, -34.1481,
-60.7463

■ 212.5880,
-35.7859, -48.7507

■ 54.0040, -26.6240,
-47.3615

■ 224.3370,
-28.2671, -33.6215

■ 39.3290, -19.3892,
-34.4915

■ 236.2000,
-20.3116, -18.5924

■ 26.4150, -13.0226,
-23.1660

■ 248.3620,
-12.5035, -2.9485

■ 8.8050, -4.3409,
-7.7220

■ 254.6580, -1.3104,

■ 0.0000, 0.0000,

0.2999

0.0000

■ 128.2610,
-33.1597, -51.0949

■ 128.2610,
-33.1597, -51.0949

■ 121.5390,
-38.2267, -59.2317

■ 134.9830,
-28.0926, -42.9581

■ 115.1160,
-43.4412, -66.7537

■ 141.4060,
-22.8782, -35.4361

■ 108.3940,
-48.5082, -74.8905

■ 148.1280,
-17.8111, -27.2993

■ 104.5630,
-51.5496, -79.4238

■ 154.8500,
-12.7440, -19.1624

■ 161.5720, -7.6770,
-11.0256

■ 168.1090, -2.0257,
-3.6036

■ 174.8310, 3.0413,
4.5332

■ 181.5530, 8.1084,
12.6700

■ 187.9760, 13.3228,
20.1920

Harmonies

Analogous

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



136.9870, -67.5346, 7.9044



128.2610, -33.1597, -51.0949



117.8070, 2.0671, -103.3167

Triad

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



128.2610, -33.1597, -51.0949



125.9250, 63.6340, -110.4362



142.5270, -12.0918, 98.6388

Complementary

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



128.2610, -33.1597, -51.0949



103.7390, 33.1597, 51.0949

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.



148.2630, 15.1533, 86.5923



128.2610, -33.1597, -51.0949



141.9920, 55.7129, -42.9660

Square

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



128.2610, -33.1597, -51.0949



130.6720, 53.8987, -114.5993



155.1440, 38.8760, 37.5847



144.7570, -41.2922, 84.4051

Rectangle

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



128.2610, -33.1597, -51.0949



123.8830, 20.2707, -108.6454



155.1440, 38.8760, 37.5847



143.0460, -2.4877, 98.1837

Sweetspot

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



128.2610, -33.1597, -51.0949



205.5510, -12.5966, -19.7772



153.1770, -45.4433, 15.6308



102.1590, -7.9664, -11.5404



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.



128.2610, -33.1597, -51.0949



155.5630, -51.5496, -79.4238



130.8140, -11.7403, -61.2269



83.5820, -2.7519, -4.0184



91.6380, -45.1775, -69.8425



14.0990, -6.9508, -10.6108

Inverse Universe

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



103.7390, 33.1597, 51.0949



117.4370, 51.5496, 79.4238



101.1860, 11.7403, 61.2269



81.4180, 2.7519, 4.0184



58.3620, 45.1775, 69.8425



8.9010, 6.9508, 10.6108

Previews

White Background



This preview shows how the YUV color 128.2610, -33.1597, -51.0949 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 128.2610, -33.1597, -51.0949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

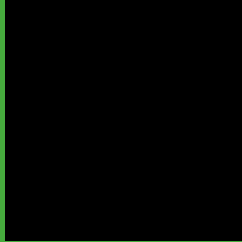
Any Text WCAG AA ✓ Pass

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 128.2610, -33.1597, -51.0949 Background



This preview shows how black text looks on a background with the YUV color 128.2610, -33.1597, -51.0949.



This preview shows how white text looks on a background with the YUV color 128.2610, -33.1597, -51.0949.

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

128.2610, -33.1597, -51.0949

Protanopia

144.2530, -44.0017, 19.9491

Deuteranopia

146.6490, -37.7880, 33.6338



Tritanopia

142.0470, 15.2598, -41.2602

Trichromacy



Original Color

128.2610, -33.1597, -51.0949

Protanomaly

138.7120, -40.2840, -5.8864

Deuteranomaly

140.2060, -36.0906, 2.4503

Tritanomaly

137.0300, -2.4798, -44.7533

Monochromacy



Original Color

128.2610, -33.1597, -51.0949

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3770, -12.0179, -18.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2610, -33.1597, -51.0949 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(70, 171, 61)` looks like.

```
.text, #text, p{  
    color:rgb(70, 171, 61)  
}
```

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(70, 171, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 171, 61) }
```

Border

The CSS property to change the border of an element to YUV 128.2610, -33.1597, -51.0949 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(70, 171, 61) }
```


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

```
.border{ border-color:rgb(70, 171, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 171, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 171, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 171, 61);  
box-shadow:4px 4px 4px 4px rgb(70, 171,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 128.2610, -33.1597, -51.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 171, 61) }
```

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

```
.background{ background-color: rgb(70, 171,  
61) }
```

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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