

Converting Colors

YUV(138.3510, -19.4000,
-31.0028)

Have a look what the booklet for
YUV(138.3510, -19.4000, -31.0028)
contains.

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Color

**YUV(138.3510, -19.4000,
-31.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	67A463
RGB	103, 164, 99
RGB Percent	40%, 64%, 39%
CMY	0.5961, 0.3569, 0.6118
CMYK	0.37, 0.00, 0.40, 0.36
HSL	116°, 26%, 52%
HSV	116°, 40%, 64%
XYZ	21.1211, 30.3353, 16.5465
YIQ	138.3510, -15.4910, -33.1470

Conversions

Conversions Part 2

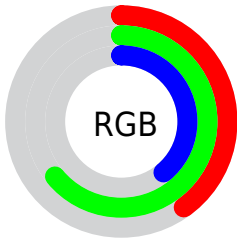
Format	Color
RYB	99, 164, 160
Decimal	6792291
CIELab	61.94, -33.11, 27.66
CIELCh	62, 43.139, 140.127
Yxy	30.3353, 0.3106, 0.4461
Android (android.graphics.Color)	4284982371 (0xFF67A463)
YUV	138.3510, -19.4000, -31.0028
Hunter-Lab	55.0775, -27.9345, 20.7423

Details

The YUV color **138.3510, -19.4000, -31.0028** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124.6490, 19.4000, 31.0028**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4110, -20.4156, -31.9324**, and **86.8070, -17.6529, -31.4027** is the 20% darker color. If you saturate the color by 10%, you get **132.0420, -24.1777, -38.6248**, and if you desaturate by 10%, it is **144.6600, -14.6224, -23.3808**.

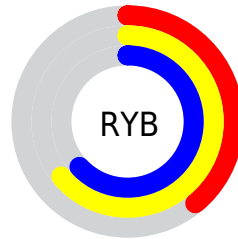
Distribution



Red (40%)

Green (64%)

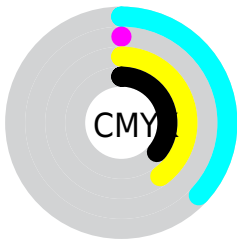
Blue (39%)



Red (39%)

Yellow (64%)

Blue (63%)

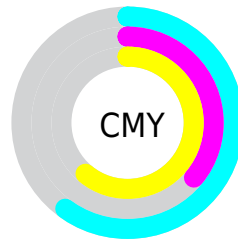


Cyan (37%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (60%)

Magenta (36%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3510, -19.4000, -31.0028 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 138.3510, -19.4000, -31.0028 by changing the saturation by 10% instead.

■ 138.3510,
-19.4000, -31.0028

■ 138.3510,
-19.4000, -31.0028

■ 255.0000, 0.0000,
0.0000

■ 111.9920,
-18.2371, -30.6880

■ 192.4110,
-20.4156, -31.9324

■ 86.8070, -17.6529,
-31.4027

■ 220.7700,
-21.5786, -32.2473

■ 61.4370, -16.4844,
-32.8322

■ 236.4430,
-15.5014, -21.4365

■ 37.4370, -16.4844,
-32.8322

■ 248.3060, -7.5459,
-6.4074

■ 24.0670, -11.8650,
-21.1068

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,

0.0000

■ 138.3510,
-19.4000, -31.0028

■ 138.3510,
-19.4000, -31.0028

■ 132.0420,
-24.1777, -38.6248

■ 144.6600,
-14.6224, -23.3808

■ 125.3200,
-29.2448, -46.7616

■ 151.3820, -9.5553,
-15.2440

■ 119.0110,
-34.0224, -54.3836

■ 157.6910, -4.7777,
-7.6220

■ 112.2890,
-39.0895, -62.5205

■ 164.4130, 0.2894,
0.5148

■ 105.9800,
-43.8671, -70.1425

■ 170.7220, 5.0671,
8.1368

■ 99.6710, -48.6448,
-77.7645

■ 177.0310, 9.8447,
15.7588

■ 99.2580, -48.9342,
-78.2793

■ 183.7530, 14.9118,
23.8956

■ 190.0620, 19.6894,
31.5176

■ 196.7840, 24.7565,
39.6544

Harmonies

Analogous

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



143.4880, -33.7646, 3.0800



138.3510, -19.4000, -31.0028



125.3570, 4.7540, -78.3661

Triad

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



138.3510, -19.4000, -31.0028



132.7590, 45.4748, -72.5796



150.4810, -12.5621, 62.7222

Complementary

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



138.3510, -19.4000, -31.0028



124.6490, 19.4000, 31.0028

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.



152.5350, 5.6522, 53.9048



138.3510, -19.4000, -31.0028



150.0760, 34.9655, -14.9757

Square

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



138.3510, -19.4000, -31.0028



121.0400, 42.3783, -106.1521



154.3110, 22.0317, 26.9143



149.0010, -28.1015, 53.4961

Rectangle

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



138.3510, -19.4000, -31.0028



117.6710, 21.8542, -103.1975



154.3110, 22.0317, 26.9143



151.3760, -6.5944, 61.9372

Sweetspot

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



138.3510, -19.4000, -31.0028



203.8600, -7.8190, -12.1552



154.2420, -27.2343, 8.5578



101.1040, -4.4883, -7.1072



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.



138.3510, -19.4000, -31.0028



173.5540, -30.8391, -48.7209



140.3470, -6.5801, -36.2613



78.5820, -2.7519, -4.0184



87.8060, -43.2884, -69.1129



10.8650, -5.3564, -8.6516

Inverse Universe

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



124.6490, 19.4000, 31.0028



151.7450, 30.6917, 49.3356



122.6530, 6.5801, 36.2613



76.4180, 2.7519, 4.0184



57.1940, 43.2884, 69.1129



7.1350, 5.3564, 8.6516

Previews

White Background



This preview shows how the YUV color 138.3510, -19.4000, -31.0028 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 138.3510, -19.4000, -31.0028 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 138.3510, -19.4000, -31.0028 Background



This preview shows how black text looks on a background with the YUV color 138.3510, -19.4000, -31.0028.



This preview shows how white text looks on a background with the YUV color 138.3510, -19.4000, -31.0028.

-31.0028.

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

138.3510, -19.4000, -31.0028

Protanopia

146.5030, -26.3770, 13.5909

Deuteranopia

149.0190, -22.1944, 25.4163



Tritanopia

145.4080, 11.1379, -25.7908

Trichromacy



Original Color

138.3510, -19.4000, -31.0028

Protanomaly

143.3870, -23.8548, -2.0934

Deuteranomaly

145.4140, -21.4031, 4.8989

Tritanomaly

142.8240, 0.0868, -27.9096

Monochromacy



Original Color

138.3510, -19.4000, -31.0028

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8000, -6.8034, -11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3510, -19.4000, -31.0028 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(103, 164, 99)` looks like.

```
.text, #text, p{  
    color:rgb(103, 164, 99)  
}
```

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(103, 164, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 164, 99) }
```

Border

The CSS property to change the border of an element to YUV 138.3510, -19.4000, -31.0028 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(103, 164, 99) }
```


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

```
.border{ border-color:rgb(103, 164, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 164, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 164, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 164, 99);  
box-shadow:4px 4px 4px 4px rgb(103, 164,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 138.3510, -19.4000, -31.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 164, 99) }
```

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

```
.background{ background-color: rgb(103,  
164, 99) }
```

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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