

Converting Colors

YUV(138.2160, -4.5435,
-36.1464)

Have a look what the booklet for
YUV(138.2160, -4.5435, -36.1464)
contains.

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Color

**YUV(138.2160, -4.5435,
-36.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	61A181
RGB	97, 161, 129
RGB Percent	38%, 63%, 51%
CMY	0.6196, 0.3686, 0.4941
CMYK	0.40, 0.00, 0.20, 0.37
HSL	150°, 25%, 51%
HSV	150°, 40%, 63%
XYZ	21.6371, 29.6161, 25.3450
YIQ	138.2160, -27.8720, -23.5200

Conversions

Conversions Part 2

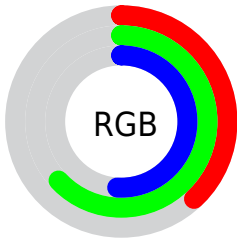
Format	Color
RYB	97, 140, 161
Decimal	6398337
CIELab	61.32, -27.98, 10.28
CIELCh	61, 29.815, 159.822
Yxy	29.6161, 0.2825, 0.3866
Android (android.graphics.Color)	4284588417 (0xFF61A181)
YUV	138.2160, -4.5435, -36.1464
Hunter-Lab	54.4207, -24.2665, 10.4818

Details

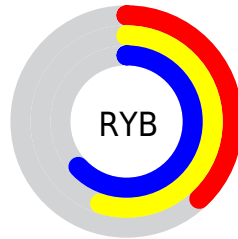
The YUV color $138.2160, -4.5435, -36.1464$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $119.7840, 4.5435, 36.1464$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.3900, -5.1223, -37.1760$, and $86.5580, -3.2331, -36.4464$ is the 20% darker color. If you saturate the color by 10%, you get $132.5200, -5.6794, -45.1830$, and if you desaturate by 10%, it is $143.9120, -3.4076, -27.1098$.

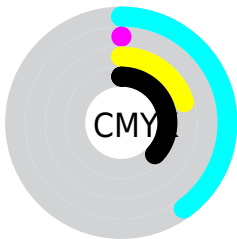
Distribution



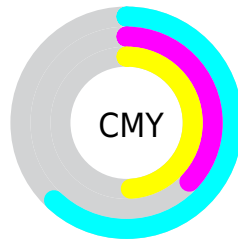
- Red (38%)
- Green (63%)
- Blue (51%)



- Red (38%)
- Yellow (55%)
- Blue (63%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (62%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2160, -4.5435, -36.1464 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 138.2160, -4.5435, -36.1464 by changing the saturation by 10% instead.


 138.2160, -4.5435,
-36.1464

 138.2160, -4.5435,
-36.1464

255.0000, 0.0000,
0.0000


 112.3300, -4.1067,
-36.2464


 192.3900, -5.1223,
-37.1760

 86.5580, -3.2331,
-36.4464


 220.8630, -5.8485,
-37.5909


 60.5900, -1.7699,
-39.1054

 238.4110, -0.2026,
-28.4244

 39.7970, -2.3649,
-34.9020

 248.7210, 3.0955,
-12.9103

 24.4890, -5.1711,
-21.4769

 5.2830, -2.6045,
-4.6332

 0.0000, 0.0000,

0.0000

■ 138.2160, -4.5435,
-36.1464

■ 138.2160, -4.5435,
-36.1464

■ 132.5200, -5.6794,
-45.1830

■ 143.9120, -3.4076,
-27.1098

■ 126.8240, -6.8152,
-54.2196

■ 149.6080, -2.2717,
-18.0732

■ 121.1280, -7.9511,
-63.2563

■ 155.3040, -1.1359,
-9.0366

■ 115.4320, -9.0870,
-72.2929

■ 161.0000, 0.0000,
0.0000

■ 109.4370,
-10.0754, -81.9442

■ 166.9950, 0.9885,
9.6514

■ 103.7410,
-11.2113, -90.9809

■ 172.6910, 2.1243,
18.6880

■ 178.3870, 3.2602,
27.7246

■ 184.0830, 4.3961,
36.7612

■ 189.7790, 5.5320,
45.7978

Harmonies

Analogous

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



142.0420, -17.2757, -12.3148



138.2160, -4.5435, -36.1464



132.9110, 11.3829, -57.8039

Triad

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



138.2160, -4.5435, -36.1464



147.3500, 25.9565, -18.7239



149.6110, -16.5702, 41.5602

Complementary

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



138.2160, -4.5435, -36.1464



119.7840, 4.5435, 36.1464

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.



150.8960, -5.3717, 43.0642



138.2160, -4.5435, -36.1464



151.2890, 18.5915, 10.2705

Square

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



138.2160, -4.5435, -36.1464



139.4450, 28.3746, -47.7483



151.5600, 7.6119, 31.9579



147.5850, -23.9524, 29.3050

Rectangle

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



138.2160, -4.5435, -36.1464



131.5600, 20.4299, -66.2661



151.5600, 7.6119, 31.9579



149.8330, -13.2287, 43.1195

Sweetspot

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



138.2160, -4.5435, -36.1464



200.1570, -1.5564, -14.1697



144.1360, -23.2380, -13.2743



99.6030, -1.2833, -8.4218



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



138.2160, -4.5435, -36.1464



173.4000, -7.0992, -56.4788



141.8640, 9.4340, -39.3457



78.8530, -0.4205, -5.1331



93.4370, -10.0754, -81.9442



11.5920, -1.2779, -10.1662

Inverse Universe

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



119.7840, 4.5435, 36.1464



144.6000, 7.0992, 56.4788



116.1360, -9.4340, 39.3457



76.2610, 0.8573, 5.0331



51.6770, 10.5122, 81.8443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 138.2160, -4.5435, -36.1464 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 138.2160, -4.5435, -36.1464 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 138.2160, -4.5435, -36.1464 Background



This preview shows how black text looks on a background with the YUV color 138.2160, -4.5435, -36.1464.



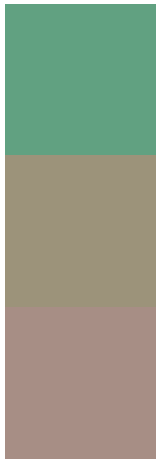
This preview shows how white text looks on a background with the YUV color 138.2160, -4.5435, -36.1464.

-36.1464.

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

138.2160, -4.5435, -36.1464

Protanopia

146.8410, -12.2466, 8.0324

Deuteranopia

148.4490, -7.6164, 16.2692



Tritanopia

142.4180, 12.6119, -31.9386

Trichromacy



Original Color

138.2160, -4.5435, -36.1464

Protanomaly

143.8390, -9.2876, -7.7518

Deuteranomaly

144.9690, -6.3937, -2.6038

Tritanomaly

141.0990, 6.3602, -33.4128

Monochromacy



Original Color

138.2160, -4.5435, -36.1464

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8690, -1.4144, -13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2160, -4.5435, -36.1464 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(97, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(97, 161, 129)  
}
```

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(97, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 161, 129) }
```

Border

The CSS property to change the border of an element to YUV 138.2160, -4.5435, -36.1464 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(97, 161, 129) }
```


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

```
.border{ border-color:rgb(97, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(97, 161,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 138.2160, -4.5435, -36.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 161, 129) }
```

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

```
.background{ background-color: rgb(97, 161,  
129) }
```

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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