

Converting Colors

YUV(138.4680, -60.3767,
-1.2874)

Have a look what the booklet for
YUV(138.4680, -60.3767, -1.2874)
contains.

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Color

**YUV(138.4680, -60.3767,
-1.2874)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 89A310 |
| RGB | 137, 163, 16 |
| RGB Percent | 54%, 64%, 6% |
| CMY | 0.4627, 0.3608, 0.9373 |
| CMYK | 0.16, 0.00, 0.90, 0.36 |
| HSL | 71°, 82%, 35% |
| HSV | 71°, 90%, 64% |
| XYZ | 23.5072, 31.5502, 5.3410 |
| YIQ | 138.4680, 31.6910, -51.2290 |

Conversions

Conversions Part 2

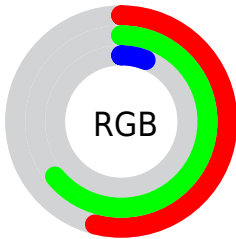
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 16, 163, 42 |
| Decimal | 9020176 |
| CIELab | 62.97, -26.53, 62.94 |
| CIELCh | 63, 68.306, 112.858 |
| Yxy | 31.5502, 0.3892, 0.5224 |
| Android (android.graphics.Color) | 4287210256 (0xFF89A310) |
| YUV | 138.4680, -60.3767, -1.2874 |
| Hunter-Lab | 56.1695, -23.5935, 33.6809 |

Details

The YUV color **138.4680, -60.3767, -1.2874** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **40.5320, 60.3767, 1.2874**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.0920, -56.7404, -0.9577**, and **89.6750, -44.2098, -6.7310** is the 20% darker color. If you saturate the color by 10%, you get **135.7470, -66.9233, -1.5321**, and if you desaturate by 10%, it is **141.1890, -53.8302, -1.0428**.

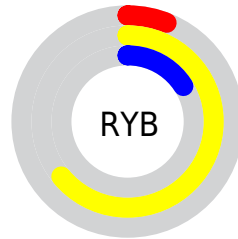
Distribution



Red (54%)

Green (64%)

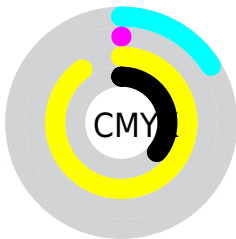
Blue (6%)



Red (6%)

Yellow (64%)

Blue (16%)

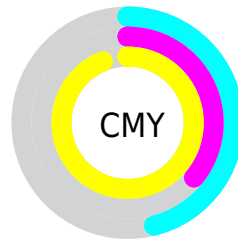


Cyan (16%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4680, -60.3767, -1.2874 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 138.4680, -60.3767, -1.2874 by changing the saturation by 10% instead.

■ 138.4680,
-60.3767, -1.2874

■ 138.4680,
-60.3767, -1.2874

■ 255.0000, 0.0000,
0.0000

■ 113.0100,
-55.7139, -3.5168

■ 195.0920,
-56.7404, -0.9577

■ 89.6750, -44.2098,
-6.7310

■ 223.2770,
-57.3246, -0.2429

■ 67.8130, -33.4318,
-10.3600

■ 240.7220,
-52.1209, 10.7678

■ 45.3530, -22.3590,
-15.2186

■ 244.5120,
-40.1854, 9.1980

■ 24.0670, -11.8650,
-21.1068

■ 247.7040,
-27.9551, 6.3986

■ 10.5660, -5.2090,
-9.2664

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.3160, -2.6208,
0.5999

■ 138.4680,
-60.3767, -1.2874

■ 138.4680,
-60.3767, -1.2874

■ 135.7470,
-66.9233, -1.5321

■ 141.1890,
-53.8302, -1.0428

■ 144.0240,
-46.8468, -0.8980

■ 146.7450,
-40.3003, -0.6534

■ 149.4660,
-33.7537, -0.4087

■ 152.0020,
-26.6230, -0.8788

■ 154.7230,
-20.0764, -0.6341

■ 157.4440,
-13.5299, -0.3894

■ 160.1650, -6.9833,
-0.1447

■ 163.0000, 0.0000,
0.0000

Harmonies

Analogous

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



142.5340, -70.2693, 45.1357



138.4680, -60.3767, -1.2874



125.8230, -25.5487, -65.6198

Triad

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



138.4680, -60.3767, -1.2874



131.6980, 57.8299, -115.4991



149.0310, 10.3377, 91.1808

Complementary

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



138.4680, -60.3767, -1.2874



40.5320, 60.3767, 1.2874

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.



156.4720, 34.7703, 47.8211



138.4680, -60.3767, -1.2874



125.3380, 63.9234, -109.9214

Square

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



138.4680, -60.3767, -1.2874



128.2320, 34.3956, -112.4595



149.2010, 52.1589, -22.9783



145.0230, -17.7593, 96.4498

Rectangle

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



138.4680, -60.3767, -1.2874



117.4820, -1.7166, -103.0317



149.2010, 52.1589, -22.9783



152.1420, 18.6640, 80.5595

Sweetspot

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



138.4680, -60.3767, -1.2874



202.5120, -23.4234, -0.4490



74.6280, -28.9036, 77.5022



101.3300, -13.9667, -0.2894



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.



138.4680, -60.3767, -1.2874



176.4700, -86.9997, -2.1662



116.9400, -49.7634, -45.5514



80.3760, -3.6364, -0.3298



120.9950, -59.6505, -0.8726



15.0510, -7.4201, -0.0447

Inverse Universe

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



40.5320, 60.3767, 1.2874



35.2310, 87.1471, 1.5514



62.0600, 49.7634, 45.5514



74.6240, 3.6364, 0.3298



24.3040, 59.5031, 1.4874



2.9490, 7.4201, 0.0447

Previews

White Background



This preview shows how the YUV color 138.4680, -60.3767, -1.2874 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 138.4680, -60.3767, -1.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

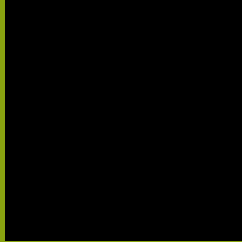
Any Text WCAG AA ✓ Pass

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 138.4680, -60.3767, -1.2874 Background



This preview shows how black text looks on a background with the YUV color 138.4680, -60.3767, -1.2874.



This preview shows how white text looks on a background with the YUV color 138.4680, -60.3767, -1.2874.

-1.2874.

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

138.4680, -60.3767, -1.2874

Protanopia

141.9060, -64.5367, 26.3924

Deuteranopia

145.5840, -55.9969, 40.7068



Tritanopia

152.7700, 5.5364, -2.4293

Trichromacy



Original Color

138.4680, -60.3767, -1.2874

Protanomaly

140.5950, -62.9043, 16.1412

Deuteranomaly

143.0290, -57.6953, 25.4076

Tritanomaly

147.4670, -18.4712, -2.1636

Monochromacy



Original Color

138.4680, -60.3767, -1.2874

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2670, -21.8236, -0.2342

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4680, -60.3767, -1.2874 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(137, 163, 16)` looks like.

```
.text, #text, p{  
    color:rgb(137, 163, 16)  
}
```

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(137, 163, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 163, 16) }
```

Border

The CSS property to change the border of an element to YUV 138.4680, -60.3767, -1.2874 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(137, 163, 16) }
```


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

```
.border{ border-color:rgb(137, 163, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 163, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 163, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 163, 16);  
box-shadow:4px 4px 4px 4px rgb(137, 163,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 138.4680, -60.3767, -1.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 163, 16) }
```

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

```
.background{ background-color: rgb(137,  
163, 16) }
```

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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