

Converting Colors

YUV(138.1920, -35.0977,
-36.1254)

Have a look what the booklet for
YUV(138.1920, -35.0977, -36.1254)
contains.

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Color

**YUV(138.1920, -35.0977,
-36.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	61AD43
RGB	97, 173, 67
RGB Percent	38%, 68%, 26%
CMY	0.6196, 0.3216, 0.7373
CMYK	0.44, 0.00, 0.61, 0.32
HSL	103°, 44%, 47%
HSV	103°, 61%, 68%
XYZ	20.8865, 32.8338, 10.5469
YIQ	138.1920, -11.2700, -49.0780

Conversions

Conversions Part 2

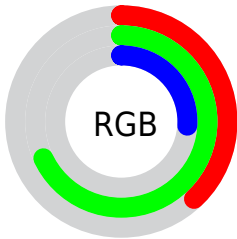
Format	Color
RYB	67, 173, 143
Decimal	6401347
CIELab	64.03, -43.21, 46.12
CIElCh	64, 63.206, 133.134
Yxy	32.8338, 0.3250, 0.5109
Android (android.graphics.Color)	4284591427 (0xFF61AD43)
YUV	138.1920, -35.0977, -36.1254
Hunter-Lab	57.3008, -35.2121, 29.1975

Details

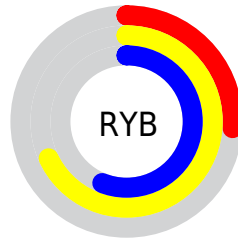
The YUV color **138.1920, -35.0977, -36.1254** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **101.8080, 35.0977, 36.1254**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4370, -36.6974, -36.3402**, and **83.5400, -36.2552, -38.1846** is the 20% darker color. If you saturate the color by 10%, you get **132.6660, -40.7543, -41.8031**, and if you desaturate by 10%, it is **143.7180, -29.4410, -30.4477**.

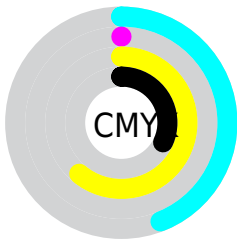
Distribution



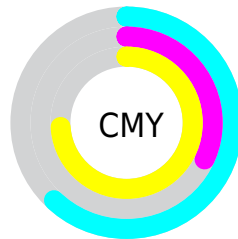
- Red (38%)
- Green (68%)
- Blue (26%)



- Red (26%)
- Yellow (68%)
- Blue (56%)



- Cyan (44%)
- Magenta (0%)
- Yellow (61%)
- Black (32%)



- Cyan (62%)
- Magenta (32%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1920, -35.0977, -36.1254 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 138.1920, -35.0977, -36.1254 by changing the saturation by 10% instead.

■ 138.1920,
-35.0977, -36.1254

■ 138.1920,
-35.0977, -36.1254

■ 255.0000, 0.0000,
0.0000

■ 111.0070,
-34.5135, -36.8401

■ 193.4370,
-36.6974, -36.3402

■ 83.5400, -36.2552,
-38.1846

■ 220.4480,
-36.7029, -34.5959

■ 55.1780, -27.2028,
-48.3911

■ 232.1970,
-29.1841, -19.4668

■ 41.0900, -20.2574,
-36.0359

■ 244.0600,
-21.2286, -4.4376

■ 27.5890, -13.6014,
-24.1956

■ 252.0360,
-11.3567, 2.5994

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 138.1920,
-35.0977, -36.1254

■ 138.1920,
-35.0977, -36.1254

■ 132.6660,
-40.7543, -41.8031

■ 143.7180,
-29.4410, -30.4477

■ 126.7270,
-46.7004, -47.9956

■ 149.6570,
-23.4949, -24.2552

■ 121.2010,
-52.3571, -53.6733

■ 155.1830,
-17.8382, -18.5775

■ 116.2020,
-57.2876, -58.9362

■ 161.0080,
-12.3289, -12.2850

■ 166.6480, -6.2355,
-6.7073

■ 172.1740, -0.5788,
-1.0296

■ 177.9990, 4.9305,
5.2629

■ 183.5250, 10.5872,
10.9406

■ 189.4640, 16.5332,
17.1331

Harmonies

Analogous

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



145.3650, -57.3679, 13.7119



138.1920, -35.0977, -36.1254



119.3400, 0.3254, -104.6612

Triad

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



138.1920, -35.0977, -36.1254



128.8600, 62.1870, -113.0102



151.2810, -9.0125, 90.9616

Complementary

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



138.1920, -35.0977, -36.1254



101.8080, 35.0977, 36.1254

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.



156.4140, 16.0649, 74.1819



138.1920, -35.0977, -36.1254



145.4920, 53.9874, -49.5435

Square

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



138.1920, -35.0977, -36.1254



131.4070, 49.0993, -115.2439



159.6650, 38.6192, 26.6038



151.6410, -35.3190, 81.8758

Rectangle

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



138.1920, -35.0977, -36.1254



125.0740, 17.2185, -109.6899



159.6650, 38.6192, 26.6038



152.8600, -0.4240, 89.5768

Sweetspot

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



138.1920, -35.0977, -36.1254



210.7690, -13.1971, -13.8294



143.3060, -37.6189, 26.0416



104.1810, -7.9772, -8.0517



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.



138.1920, -35.0977, -36.1254



169.4950, -54.9670, -56.5621



131.8440, -20.6291, -56.8682



83.8810, -2.8993, -3.4036



100.9070, -49.7472, -50.7844



15.2950, -7.5404, -8.1517

Inverse Universe

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



101.8080, 35.0977, 36.1254



112.5050, 54.9670, 56.5621



108.1560, 20.6291, 56.8682



80.8200, 3.0467, 2.7889



49.3920, 49.5997, 51.3992



7.4060, 7.6878, 7.5369

Previews

White Background



This preview shows how the YUV color 138.1920, -35.0977, -36.1254 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 138.1920, -35.0977, -36.1254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

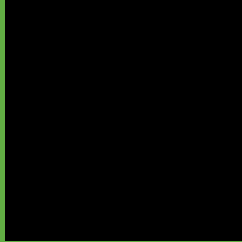
Any Text WCAG AA ✓ Pass

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 138.1920, -35.0977, -36.1254 Background



This preview shows how black text looks on a background with the YUV color 138.1920, -35.0977, -36.1254.



This preview shows how white text looks on a background with the YUV color 138.1920, -35.0977, -36.1254.

-36.1254.

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

138.1920, -35.0977, -36.1254

Protanopia

149.4810, -43.1281, 19.7492

Deuteranopia

151.6490, -37.7880, 33.6338



Tritanopia

149.7280, 12.4591, -29.5795

Trichromacy



Original Color

138.1920, -35.0977, -36.1254

Protanomaly

145.7450, -40.3003, -0.6534

Deuteranomaly

146.4240, -36.6910, 8.3982

Tritanomaly

145.5370, -4.7017, -32.0429

Monochromacy



Original Color

138.1920, -35.0977, -36.1254

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1820, -12.9077, -13.3146

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1920, -35.0977, -36.1254 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, 173, 67)` looks like.

```
.text, #text, p{  
    color:rgb(97, 173, 67)  
}
```

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, 173, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 173, 67) }
```

Border

The CSS property to change the border of an element to YUV 138.1920, -35.0977, -36.1254 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, 173, 67) }
```


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

```
.border{ border-color:rgb(97, 173, 67) }
```

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

Here you see how a box with a 4 pixel rgb(97, 173, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 173, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 173, 67);  
box-shadow:4px 4px 4px 4px rgb(97, 173,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 138.1920, -35.0977, -36.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 173, 67) }
```

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

```
.background{ background-color: rgb(97, 173,  
67) }
```

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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