

Converting Colors

YUV(137.8620, -21.1310,
-35.8360)

Have a look what the booklet for
YUV(137.8620, -21.1310, -35.8360)
contains.

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Color

**YUV(137.8620, -21.1310,
-35.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	61A75F
RGB	97, 167, 95
RGB Percent	38%, 65%, 37%
CMY	0.6196, 0.3451, 0.6275
CMYK	0.42, 0.00, 0.43, 0.35
HSL	118°, 29%, 51%
HSV	118°, 43%, 65%
XYZ	20.8140, 31.0050, 15.7140
YIQ	137.8620, -18.6080, -37.2320

Conversions

Conversions Part 2

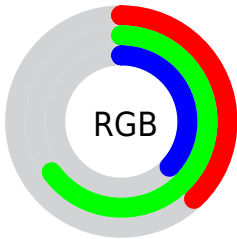
Format	Color
RYB	95, 167, 165
Decimal	6399839
CIELab	62.51, -37.04, 30.46
CIElCh	63, 47.952, 140.567
Yxy	31.0050, 0.3082, 0.4591
Android (android.graphics.Color)	4284589919 (0xFF61A75F)
YUV	137.8620, -21.1310, -35.8360
Hunter-Lab	55.6822, -30.7204, 22.2453

Details

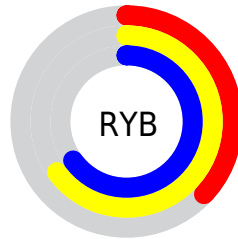
The YUV color **137.8620, -21.1310, -35.8360** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124.1380, 21.1310, 35.8360**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6940, -23.0201, -36.5656**, and **85.1330, -18.7996, -36.9506** is the 20% darker color. If you saturate the color by 10%, you get **131.1400, -26.1980, -43.9728**, and if you desaturate by 10%, it is **144.5840, -16.0639, -27.6992**.

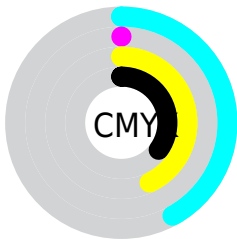
Distribution



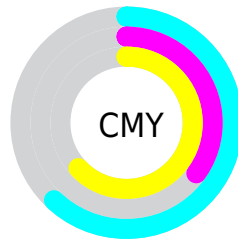
- Red (38%)
- Green (65%)
- Blue (37%)



- Red (37%)
- Yellow (65%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (43%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8620, -21.1310, -35.8360 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 137.8620, -21.1310, -35.8360 by changing the saturation by 10% instead.

■ 137.8620,
-21.1310, -35.8360

■ 137.8620,
-21.1310, -35.8360

■ 255.0000, 0.0000,
0.0000

■ 111.2040,
-19.8206, -36.1359

■ 192.6940,
-23.0201, -36.5656

■ 85.1330, -18.7996,
-36.9506

■ 220.5800,
-23.4569, -36.4657

■ 57.9690, -16.7467,
-42.0688

■ 234.4920,
-16.5116, -24.1105

■ 38.1550, -18.8104,
-33.4619

■ 246.3550, -8.5560,
-9.0813

■ 25.2410, -12.4438,
-22.1364

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,

0.0000

■ 137.8620,
-21.1310, -35.8360

■ 137.8620,
-21.1310, -35.8360

■ 131.1400,
-26.1980, -43.9728

■ 144.5840,
-16.0639, -27.6992

■ 124.5320,
-30.8283, -52.2096

■ 151.1920,
-11.4337, -19.4624

■ 117.5110,
-35.7479, -60.9611

■ 158.2130, -6.5140,
-10.7108

■ 110.7890,
-40.8150, -69.0980

■ 164.9350, -1.4470,
-2.5740

■ 104.1810,
-45.4452, -77.3347

■ 171.5430, 3.1833,
5.6628

■ 99.5240, -49.0653,
-82.8975

■ 178.2650, 8.2504,
13.7996

■ 185.2860, 13.1700,
22.5512

■ 192.0080, 18.2371,
30.6880

■ 198.6160, 22.8673,
38.9248

Harmonies

Analogous

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



144.4510, -37.6903, 2.2355



137.8620, -21.1310, -35.8360



116.4680, 9.6293, -102.1424

Triad

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



137.8620, -21.1310, -35.8360



120.7100, 56.3450, -105.8627



151.2970, -13.4574, 69.8995

Complementary

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



137.8620, -21.1310, -35.8360



124.1380, 21.1310, 35.8360

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.



153.6930, 6.0674, 60.7822



137.8620, -21.1310, -35.8360



150.9170, 39.4809, -16.5902

Square

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



137.8620, -21.1310, -35.8360



123.8270, 45.4413, -108.5963



155.7290, 24.7836, 30.9327



149.9370, -31.0279, 58.8143

Rectangle

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



137.8620, -21.1310, -35.8360



120.3610, 22.0070, -105.5566



155.7290, 24.7836, 30.9327



152.3060, -7.0529, 69.0146

Sweetspot

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



137.8620, -21.1310, -35.8360



205.4360, -8.1029, -14.4144



157.6180, -30.8707, 8.2280



102.8650, -5.3564, -8.6516



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.8620, -21.1310, -35.8360



171.2280, -33.1434, -56.3280



141.1400, -5.9850, -40.4648



80.6960, -2.3151, -4.1184



88.0720, -43.4195, -73.7311



12.0390, -5.9352, -9.6812

Inverse Universe

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



124.1380, 21.1310, 35.8360



149.7720, 33.1434, 56.3280



120.8600, 5.9850, 40.4648



79.3040, 2.3151, 4.1184



59.9280, 43.4195, 73.7311



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 137.8620, -21.1310, -35.8360 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 137.8620, -21.1310, -35.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

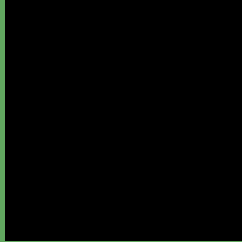
Any Text WCAG AA ✓ Pass

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 137.8620, -21.1310, -35.8360 Background



This preview shows how black text looks on a background with the YUV color 137.8620, -21.1310, -35.8360.



This preview shows how white text looks on a background with the YUV color 137.8620, -21.1310, -35.8360.

-35.8360.

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

137.8620, -21.1310, -35.8360

Protanopia

147.5310, -28.8558, 15.3203

Deuteranopia

149.7480, -24.5258, 26.5310



Tritanopia

145.7280, 12.4591, -29.5795

Trichromacy



Original Color

137.8620, -21.1310, -35.8360

Protanomaly

143.8060, -26.0334, -3.3379

Deuteranomaly

145.2460, -23.2923, 4.1693

Tritanomaly

142.8020, 0.0976, -31.3984

Monochromacy



Original Color

137.8620, -21.1310, -35.8360

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1480, -7.9610, -13.2848

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8620, -21.1310, -35.8360 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, 167, 95)` looks like.

```
.text, #text, p{  
    color:rgb(97, 167, 95)  
}
```

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, 167, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 167, 95) }
```

Border

The CSS property to change the border of an element to YUV 137.8620, -21.1310, -35.8360 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, 167, 95) }
```


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

```
.border{ border-color:rgb(97, 167, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 167, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 167, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 167, 95);  
box-shadow:4px 4px 4px 4px rgb(97, 167,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 137.8620, -21.1310, -35.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 167, 95) }
```

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

```
.background{ background-color: rgb(97, 167,  
95) }
```

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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