

Converting Colors

YUV(186.8620, -37.8930,
-26.1890)

Have a look what the booklet for
YUV(186.8620, -37.8930, -26.1890)
contains.

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Color

**YUV(186.8620, -37.8930,
-26.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	9DD96E
RGB	157, 217, 110
RGB Percent	62%, 85%, 43%
CMY	0.3843, 0.1490, 0.5686
CMYK	0.28, 0.00, 0.49, 0.15
HSL	94°, 58%, 64%
HSV	94°, 49%, 85%
XYZ	41.5320, 57.9196, 23.7425
YIQ	186.8620, -1.4130, -45.9970

Conversions

Conversions Part 2

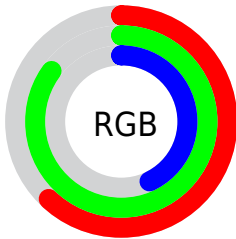
Format	Color
RYB	110, 217, 170
Decimal	10344814
CIELab	80.69, -37.37, 46.33
CIElCh	81, 59.524, 128.885
Yxy	57.9196, 0.3371, 0.4701
Android (android.graphics.Color)	4288534894 (0xFF9DD96E)
YUV	186.8620, -37.8930, -26.1890
Hunter-Lab	76.1049, -35.7727, 34.7767

Details

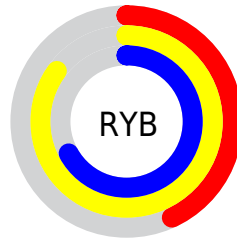
The YUV color **186.8620, -37.8930, -26.1890** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **140.1380, 37.8930, 26.1890**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3670, -33.7049, -16.1079**, and **132.2040, -36.5826, -26.4889** is the 20% darker color. If you saturate the color by 10%, you get **180.7660, -45.7336, -31.3668**, and if you desaturate by 10%, it is **192.9580, -30.0523, -21.0112**.

Distribution



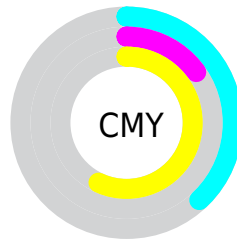
- Red (62%)
- Green (85%)
- Blue (43%)



- Red (43%)
- Yellow (85%)
- Blue (67%)



- Cyan (28%)
- Magenta (0%)
- Yellow (49%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8620, -37.8930, -26.1890 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 186.8620, -37.8930, -26.1890 by changing the saturation by 10% instead.

■ 186.8620,
-37.8930, -26.1890

■ 186.8620,
-37.8930, -26.1890

■ 255.0000, 0.0000,
0.0000

■ 159.0900,
-37.0194, -26.3889

■ 232.3670,
-33.7049, -16.1079

■ 132.2040,
-36.5826, -26.4889

■ 244.1160,
-26.1862, -0.9787

■ 105.6170,
-36.2932, -25.9741

■ 251.0100,
-15.2879, 3.4992

■ 78.3350, -38.6192,
-26.6038

■ 254.3160, -2.6208,
0.5999

■ 55.2770, -27.2516,
-32.6919

■ 35.8070, -17.6529,
-31.4027

■ 23.4800, -11.5756,

-20.5920

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 186.8620,
-37.8930, -26.1890

■ 186.8620,
-37.8930, -26.1890

■ 180.7660,
-45.7336, -31.3668

■ 192.9580,
-30.0523, -21.0112

■ 174.7840,
-53.1375, -36.6446

■ 198.9400,
-22.6484, -15.7334

■ 168.3890,
-60.8308, -42.4372

■ 205.3350,
-14.9552, -9.9408

■ 162.2930,
-68.6714, -47.6150

■ 211.4310, -7.1145,
-4.7630

■ 156.3110,
-76.0753, -52.8927

■ 217.5270, 0.7262,
0.4148

■ 155.7840,
-76.8015, -53.3076

■ 223.5090, 8.1301,
5.6926

■ 228.8070, 12.9131,
11.5703

■ 232.3950, 11.1443,
18.9476

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



193.7340, -53.6059, 20.4043



186.8620, -37.8930, -26.1890



171.3160, -6.5648, -87.9771

Triad

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



186.8620, -37.8930, -26.1890



156.4490, 48.5856, -137.2058



186.6730, -0.3318, 59.9228

Complementary

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



186.8620, -37.8930, -26.1890



140.1380, 37.8930, 26.1890

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.



197.1660, 22.1032, 50.7204



186.8620, -37.8930, -26.1890



186.8240, 33.6108, -47.2036

Square

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



186.8620, -37.8930, -26.1890



161.7320, 45.9811, -141.8390



201.7170, 26.2685, 21.2962



187.0880, -26.6654, 59.5588

Rectangle

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



186.8620, -37.8930, -26.1890



156.1800, 19.6313, -136.9699



201.7170, 26.2685, 21.2962



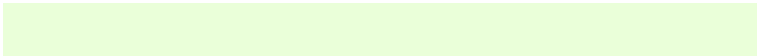
189.4260, 7.6780, 57.5084

Sweetspot

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



186.8620, -37.8930, -26.1890



244.3890, -13.5028, -9.1112



176.6260, -32.8466, 35.4080



121.4910, -8.1301, -5.6926



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



186.8620, -37.8930, -26.1890



212.7840, -53.1375, -36.6446



173.3790, -28.7808, -55.5834



106.9520, -3.9203, -2.5889



124.2750, -61.2676, -42.3372



32.9820, -16.2601, -11.3852

Inverse Universe

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



140.1380, 37.8930, 26.1890



147.2160, 53.1375, 36.6446



153.6210, 28.7808, 55.5834



102.0480, 3.9203, 2.5889



48.7250, 61.2676, 42.3372



13.0180, 16.2601, 11.3852

Previews

White Background



This preview shows how the YUV color 186.8620, -37.8930, -26.1890 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 186.8620, -37.8930, -26.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

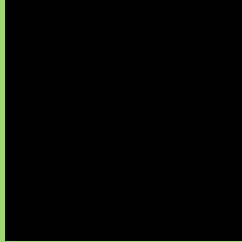
Any Text WCAG AA ✓ Pass

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 186.8620, -37.8930, -26.1890 Background



This preview shows how black text looks on a background with the YUV color 186.8620, -37.8930, -26.1890.



This preview shows how white text looks on a background with the YUV color 186.8620, -37.8930, -26.1890.

-26.1890.

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

186.8620, -37.8930, -26.1890

Protanopia

195.0360, -44.8807, 21.8934

Deuteranopia

197.5250, -39.6988, 39.8816



Tritanopia

197.5550, 11.5584, -20.6577

Trichromacy



Original Color

186.8620, -37.8930, -26.1890

Protanomaly

191.9090, -42.3531, 4.4648

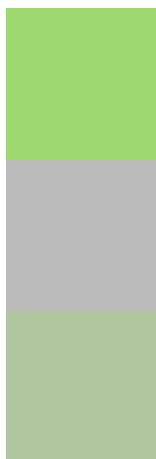
Deuteranomaly

193.7840, -39.3335, 15.9754

Tritanomaly

193.5490, -6.1867, -22.4065

Monochromacy



Original Color

186.8620, -37.8930, -26.1890

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9760, -13.7922, -9.6260

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8620, -37.8930, -26.1890 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(157, 217, 110)` looks like.

```
.text, #text, p{  
    color:rgb(157, 217, 110)  
}
```

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(157, 217, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 217, 110) }
```

Border

The CSS property to change the border of an element to YUV 186.8620, -37.8930, -26.1890 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(157, 217, 110) }
```


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

```
.border{ border-color:rgb(157, 217, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 217, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 217, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 217, 110);  
box-shadow:4px 4px 4px 4px rgb(157, 217,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 186.8620, -37.8930, -26.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 217, 110) }
```

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

```
.background{ background-color: rgb(157,  
217, 110) }
```

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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