

Converting Colors

YUV(187.2380, -41.5293,
-26.5187)

Have a look what the booklet for
YUV(187.2380, -41.5293, -26.5187)
contains.

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Color

**YUV(187.2380, -41.5293,
-26.5187)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDB67
RGB	157, 219, 103
RGB Percent	62%, 86%, 40%
CMY	0.3843, 0.1412, 0.5961
CMYK	0.28, 0.00, 0.53, 0.14
HSL	92°, 62%, 63%
HSV	92°, 53%, 86%
XYZ	41.6843, 58.8104, 21.9865
YIQ	187.2380, 0.2840, -49.2200

Conversions

Conversions Part 2

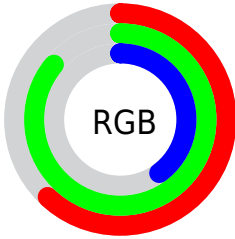
Format	Color
RYB	103, 219, 165
Decimal	10345319
CIELab	81.19, -39.03, 50.23
CIElCh	81, 63.610, 127.848
Yxy	58.8104, 0.3403, 0.4802
Android (android.graphics.Color)	4288535399 (0xFF9DDB67)
YUV	187.2380, -41.5293, -26.5187
Hunter-Lab	76.6879, -37.1788, 36.6831

Details

The YUV color **187.2380, -41.5293, -26.5187** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **134.7620, 41.5293, 26.5187**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5690, -36.7625, -15.4080**, and **132.4660, -40.6557, -26.7187** is the 20% darker color. If you saturate the color by 10%, you get **181.1420, -49.3700, -31.6965**, and if you desaturate by 10%, it is **193.3340, -33.6887, -21.3409**.

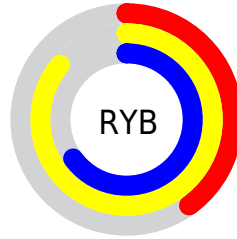
Distribution



Red (62%)

Green (86%)

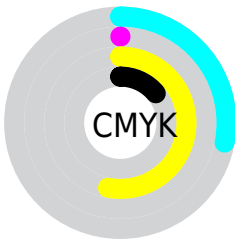
Blue (40%)



Red (40%)

Yellow (86%)

Blue (65%)

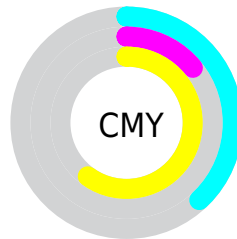


Cyan (28%)

Magenta (0%)

Yellow (53%)

Black (14%)



Cyan (38%)

Magenta (14%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2380, -41.5293, -26.5187 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 187.2380, -41.5293, -26.5187 by changing the saturation by 10% instead.

■ 187.2380,
-41.5293, -26.5187

■ 187.2380,
-41.5293, -26.5187

255.0000, 0.0000,
0.0000

■ 159.4660,
-40.6557, -26.7187

■ 231.5690,
-36.7625, -15.4080

■ 132.4660,
-40.6557, -26.7187

■ 243.3180,
-29.2438, -0.2789

■ 105.2380,
-41.5293, -26.5187

■ 250.2120,
-18.3455, 4.1991

■ 79.2100, -39.0505,
-28.2482

■ 253.5180, -5.6784,
1.2997

■ 54.9670, -27.0987,
-35.0511

■ 36.3940, -17.9422,
-31.9175

■ 24.0670, -11.8650,

-21.1068

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 187.2380,
-41.5293, -26.5187

■ 187.2380,
-41.5293, -26.5187

■ 181.1420,
-49.3700, -31.6965

■ 193.3340,
-33.6887, -21.3409

■ 175.3450,
-57.3581, -36.2596

■ 199.1310,
-25.7006, -16.7779

■ 169.2490,
-65.1988, -41.4374

■ 205.2270,
-17.8599, -11.6001

■ 163.1530,
-73.0394, -46.6152

■ 211.3230,
-10.0192, -6.4223

■ 159.0510,
-78.4121, -50.0337

■ 217.3050, -2.6154,
-1.1445

■ 223.1020, 5.3727,
3.4185

■ 229.0840, 12.7766,
8.6963

■ 232.6720, 11.0077,
16.0737

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



194.6050, -57.9793, 23.1484



187.2380, -41.5293, -26.5187



169.4460, -7.1219, -95.9841

Triad

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



187.2380, -41.5293, -26.5187



158.2100, 47.7175, -138.7502



185.1400, 1.4100, 61.2672

Complementary

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



187.2380, -41.5293, -26.5187



134.7620, 41.5293, 26.5187

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.



196.6760, 25.3027, 51.1501



187.2380, -41.5293, -26.5187



184.4100, 34.8009, -55.6106

Square

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



187.2380, -41.5293, -26.5187



163.4930, 45.1130, -143.3834



202.3040, 25.9791, 20.7814



185.8000, -26.5234, 60.6884

Rectangle

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



187.2380, -41.5293, -26.5187



157.8270, 18.3263, -138.4143



202.3040, 25.9791, 20.7814



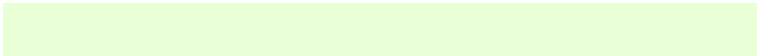
188.0070, 9.8565, 58.7529

Sweetspot

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



187.2380, -41.5293, -26.5187



243.7480, -14.6658, -9.4260



174.0780, -35.0415, 39.3966



121.2630, -9.0037, -5.4927



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.



187.2380, -41.5293, -26.5187



210.4050, -58.3737, -37.1892



171.5480, -31.8222, -60.1166



106.9520, -3.9203, -2.5889



125.7700, -62.0046, -39.2633



33.2810, -16.4075, -10.7704

Inverse Universe

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



134.7620, 41.5293, 26.5187



136.5950, 58.3737, 37.1892



150.4520, 31.8222, 60.1166



102.0480, 3.9203, 2.5889



47.5290, 61.8572, 39.8781



12.7190, 16.4075, 10.7704

Previews

White Background



This preview shows how the YUV color 187.2380, -41.5293, -26.5187 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 187.2380, -41.5293, -26.5187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

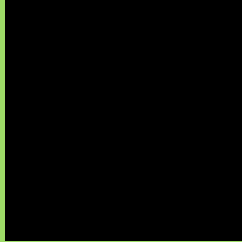
Any Text WCAG AA ✓ Pass

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 187.2380, -41.5293, -26.5187 Background



This preview shows how black text looks on a background with the YUV color 187.2380, -41.5293, -26.5187.



This preview shows how white text looks on a background with the YUV color 187.2380, -41.5293, -26.5187.

-26.5187.

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

187.2380, -41.5293, -26.5187

Protanopia

195.4230, -48.5225, 23.3080

Deuteranopia

197.9120, -43.3406, 41.2962



Tritanopia

198.3700, 12.1426, -21.3725

Trichromacy



Original Color

187.2380, -41.5293, -26.5187

Protanomaly

192.5840, -46.1369, 4.7498

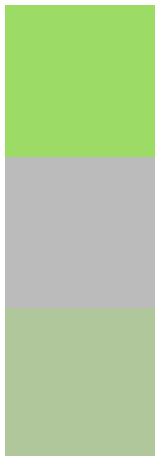
Deuteranomaly

193.8720, -42.8279, 16.7753

Tritanomaly

194.4950, -7.6390, -23.2361

Monochromacy



Original Color

187.2380, -41.5293, -26.5187

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2210, -15.3920, -9.8408

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2380, -41.5293, -26.5187 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, 219, 103)` looks like.

```
.text, #text, p{  
    color:rgb(157, 219, 103)  
}
```

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, 219, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 103) }
```

Border

The CSS property to change the border of an element to YUV 187.2380, -41.5293, -26.5187 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, 219, 103) }
```


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

```
.border{ border-color:rgb(157, 219, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 219, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 103);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 187.2380, -41.5293, -26.5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 219, 103) }
```

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

```
.background{ background-color: rgb(157,  
219, 103) }
```

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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