

Converting Colors

YUV(187.9040, -34.9557,
-34.9958)

Have a look what the booklet for
YUV(187.9040, -34.9557, -34.9958)
contains.

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Color

**YUV(187.9040, -34.9557,
-34.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	94DE75
RGB	148, 222, 117
RGB Percent	58%, 87%, 46%
CMY	0.4196, 0.1294, 0.5412
CMYK	0.33, 0.00, 0.47, 0.13
HSL	102°, 61%, 66%
HSV	102°, 47%, 87%
XYZ	41.5449, 59.8228, 26.1869
YIQ	187.9040, -10.3990, -48.3430

Conversions

Conversions Part 2

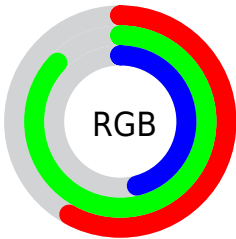
Format	Color
RYB	117, 222, 191
Decimal	9756277
CIELab	81.74, -41.84, 44.14
CIELCh	82, 60.824, 133.467
Yxy	59.8228, 0.3257, 0.4690
Android (android.graphics.Color)	4287946357 (0xFF94DE75)
YUV	187.9040, -34.9557, -34.9958
Hunter-Lab	77.3452, -39.4753, 34.0677

Details

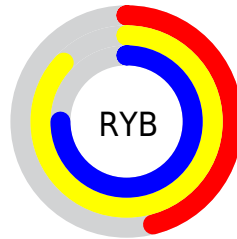
The YUV color **187.9040, -34.9557, -34.9958** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **151.0960, 34.9557, 34.9958**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4740, -29.3207, -22.3407**, and **132.7730, -32.9191, -34.8809** is the 20% darker color. If you saturate the color by 10%, you get **180.6120, -42.2067, -42.6327**, and if you desaturate by 10%, it is **195.1960, -27.7046, -27.3589**.

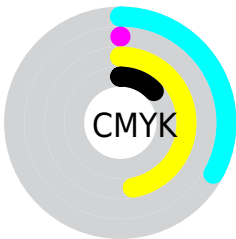
Distribution



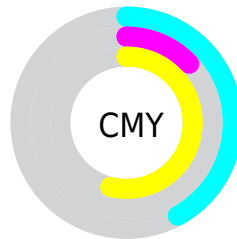
- Red (58%)
- Green (87%)
- Blue (46%)



- Red (46%)
- Yellow (87%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9040, -34.9557, -34.9958 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 187.9040, -34.9557, -34.9958 by changing the saturation by 10% instead.

■ 187.9040,
-34.9557, -34.9958

■ 187.9040,
-34.9557, -34.9958

255.0000, 0.0000,
0.0000

■ 160.1320,
-34.0821, -35.1958

■ 230.4740,
-29.3207, -22.3407

■ 132.7730,
-32.9191, -34.8809

■ 242.3370,
-21.3651, -7.3115

■ 106.1750,
-32.6243, -36.1105

■ 251.8080,
-12.2303, 2.7994

■ 78.8220, -33.9292,
-37.5549

■ 51.6560, -25.4664,
-45.3023

■ 37.5680, -18.5210,
-32.9471

■ 24.6540, -12.1544,

-21.6216

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 187.9040,
-34.9557, -34.9958

■ 187.9040,
-34.9557, -34.9958

■ 180.6120,
-42.2067, -42.6327

■ 195.1960,
-27.7046, -27.3589

■ 173.6190,
-49.6052, -49.6549

■ 202.1890,
-20.3062, -20.3368

■ 166.2130,
-57.2930, -57.1918

■ 209.5950,
-12.6183, -12.7998

■ 158.9210,
-64.5441, -64.8287

■ 216.8870, -5.3673,
-5.1629

■ 151.9280,
-71.9425, -71.8509

■ 223.8800, 2.0312,
1.8592

■ 150.0480,
-73.9737, -73.7101

■ 231.1720, 9.2822,
9.4962

■ 235.6290, 9.5499,
16.9884

Harmonies

Analogous

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



195.1030, -53.2948, 13.9417



187.9040, -34.9557, -34.9958



167.1330, 0.9204, -108.8646

Triad

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



187.9040, -34.9557, -34.9958



157.0360, 48.2963, -137.7206



187.7500, -3.8207, 58.9783

Complementary

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



187.9040, -34.9557, -34.9958



151.0960, 34.9557, 34.9958

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.



196.5960, 19.9192, 51.2203



187.9040, -34.9557, -34.9958



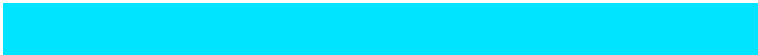
191.9180, 31.0994, -35.0081

Square

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



187.9040, -34.9557, -34.9958



162.9060, 45.4023, -142.8686



205.6150, 24.3468, 31.0326



189.3390, -30.7331, 57.5847

Rectangle

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



187.9040, -34.9557, -34.9958



159.8960, 23.7153, -140.2288



205.6150, 24.3468, 31.0326



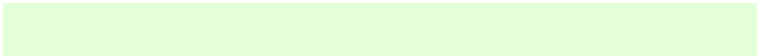
189.3290, 4.7678, 57.5935

Sweetspot

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



187.9040, -34.9557, -34.9958



243.4210, -12.0396, -11.7702



191.8330, -36.8927, 26.4565



120.7080, -7.2510, -7.6369



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.



187.9040, -34.9557, -34.9958



207.9720, -48.3002, -48.2104



181.0290, -21.2133, -56.1534



108.3540, -3.6255, -3.8185



118.8600, -58.5980, -58.6362



32.3620, -15.9545, -16.1035

Inverse Universe

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



151.0960, 34.9557, 34.9958



157.0280, 48.3002, 48.2104



157.9710, 21.2133, 56.1534



104.6460, 3.6255, 3.8185



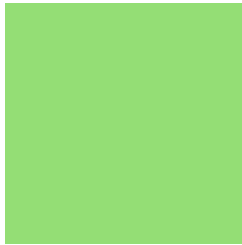
57.1400, 58.5980, 58.6362



15.6380, 15.9545, 16.1035

Previews

White Background



This preview shows how the YUV color 187.9040, -34.9557, -34.9958 looks on a white background.

Color Contrast Check

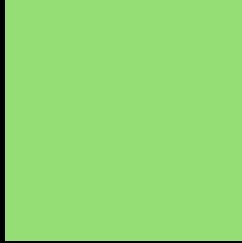
Large Text (above 18pt) WCAG AA × Fail

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 187.9040, -34.9557, -34.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

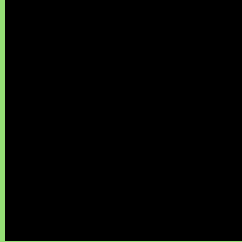
Any Text WCAG AA ✓ Pass

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 187.9040, -34.9557, -34.9958 Background



This preview shows how black text looks on a background with the YUV color 187.9040, -34.9557, -34.9958.



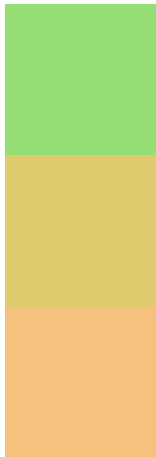
This preview shows how white text looks on a background with the YUV color 187.9040, -34.9557, -34.9958.

-34.9958.

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

187.9040, -34.9557, -34.9958

Protanopia

197.7910, -43.2810, 22.1083

Deuteranopia

200.6820, -37.8042, 38.8669



Tritanopia

198.6680, 13.4747, -28.6498

Trichromacy



Original Color

187.9040, -34.9557, -34.9958

Protanomaly

194.1690, -40.0163, 1.6058

Deuteranomaly

196.3320, -37.1387, 11.9868

Tritanomaly

194.3630, -4.1230, -31.0134

Monochromacy



Original Color

187.9040, -34.9557, -34.9958

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.5950, -12.6183, -12.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9040, -34.9557, -34.9958 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(148, 222, 117)` looks like.

```
.text, #text, p{  
    color:rgb(148, 222, 117)  
}
```

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(148, 222, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 222, 117) }
```

Border

The CSS property to change the border of an element to YUV 187.9040, -34.9557, -34.9958 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(148, 222, 117) }
```


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

```
.border{ border-color:rgb(148, 222, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 222, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 222, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 222, 117);  
box-shadow:4px 4px 4px 4px rgb(148, 222,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 187.9040, -34.9557, -34.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 222, 117) }
```

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

```
.background{ background-color: rgb(148,  
222, 117) }
```

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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