

Converting Colors

YUV(187.8140, -4.8383,
-34.9169)

Have a look what the booklet for
YUV(187.8140, -4.8383, -34.9169)
contains.

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Color

**YUV(187.8140, -4.8383,
-34.9169)**

Conversions

Conversions Part 1

Format	Color
Hex	94D2B2
RGB	148, 210, 178
RGB Percent	58%, 82%, 70%
CMY	0.4196, 0.1765, 0.3020
CMYK	0.30, 0.00, 0.15, 0.18
HSL	149°, 41%, 70%
HSV	149°, 30%, 82%
XYZ	43.2952, 55.6034, 50.5701
YIQ	187.8140, -26.6800, -23.0960

Conversions

Conversions Part 2

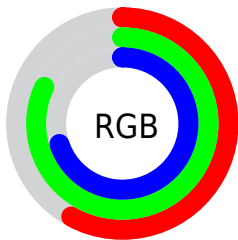
Format	Color
RYB	148, 190, 210
Decimal	9753266
CIELab	79.39, -26.44, 9.58
CIELCh	79, 28.121, 160.089
Yxy	55.6034, 0.2897, 0.3720
Android (android.graphics.Color)	4287943346 (0xFF94D2B2)
YUV	187.8140, -4.8383, -34.9169
Hunter-Lab	74.5677, -26.8535, 11.9883

Details

The YUV color **187.8140, -4.8383, -34.9169** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.1860, 4.8383, 34.9169**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0580, -1.5076, -29.8689**, and **133.6400, -4.2595, -33.8873** is the 20% darker color. If you saturate the color by 10%, you get **180.2810, -6.5475, -46.7274**, and if you desaturate by 10%, it is **195.3470, -3.1291, -23.1063**.

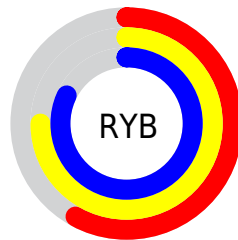
Distribution



Red (58%)

Green (82%)

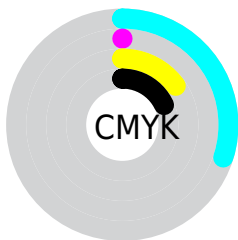
Blue (70%)



Red (58%)

Yellow (75%)

Blue (82%)

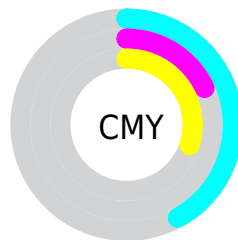


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8140, -4.8383, -34.9169 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 187.8140, -4.8383, -34.9169 by changing the saturation by 10% instead.

■ 187.8140, -4.8383,
-34.9169

■ 187.8140, -4.8383,
-34.9169

255.0000, 0.0000,
0.0000

■ 160.2270, -4.5489,
-34.4021

■ 237.0580, -1.5076,
-29.8689

■ 133.6400, -4.2595,
-33.8873

■ 248.1230, 3.3904,
-14.1399

■ 108.0530, -3.9701,
-33.3725

■ 82.8680, -3.3859,
-34.0872

■ 57.3130, -1.6333,
-36.2315

■ 36.5200, -2.2284,
-32.0280

■ 21.6850, -5.7607,

-19.0177

■ 0.0000, 0.0000,
0.0000

■ 187.8140, -4.8383,
-34.9169

■ 187.8140, -4.8383,
-34.9169

■ 180.2810, -6.5475,
-46.7274

■ 195.3470, -3.1291,
-23.1063

■ 172.7480, -8.2568,
-58.5380

■ 202.8800, -1.4198,
-11.2958

■ 165.2150, -9.9660,
-70.3486

■ 210.4130, 0.2894,
0.5148

■ 157.7960,
-11.2384, -82.2591

■ 217.8320, 1.5618,
12.4253

■ 150.2630,
-12.9477, -94.0697

■ 225.3650, 3.2711,
24.2359

■ 142.7300,
-14.6569, -105.8802

■ 227.2170, 7.7810,
24.3657

■ 135.1970,
-16.3661, -117.6908

■ 228.4710, 12.5858,
23.2659

■ 134.8980,
-16.2187, -118.3055

■ 228.5850, 13.0226,
23.1660

Harmonies

Analogous

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



191.3410, -17.4231, -11.7001



187.8140, -4.8383, -34.9169



185.1890, 9.7668, -52.7858

Triad

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



187.8140, -4.8383, -34.9169



196.2470, 25.5142, -16.8796



198.7960, -17.1544, 42.2749

Complementary

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



187.8140, -4.8383, -34.9169



170.1860, 4.8383, 34.9169

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.



200.7820, -5.8085, 43.1642



187.8140, -4.8383, -34.9169



200.1750, 18.1547, 10.3705

Square

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



187.8140, -4.8383, -34.9169



190.1360, 27.0480, -42.2153



201.3320, 6.7383, 32.1578



196.8840, -24.0998, 29.9197

Rectangle

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



187.8140, -4.8383, -34.9169



184.7460, 18.3662, -57.6592



201.3320, 6.7383, 32.1578



199.7190, -13.6655, 43.2194

Sweetspot

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



187.8140, -4.8383, -34.9169



246.7550, -1.8512, -12.9401



193.9620, -22.6593, -12.2447



122.6030, -1.2833, -8.4218



0.0000, 0.0000, 0.0000



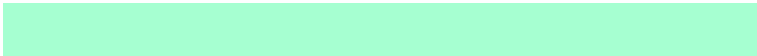
128.0000, 0.0000, 0.0000

Same Dimension

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



187.8140, -4.8383, -34.9169



223.1450, -6.9735, -50.1162



191.3480, 8.7024, -38.0162



101.0270, -0.9993, -6.1627



107.8500, -13.2370, -94.5844



26.3470, -3.1291, -23.1063

Inverse Universe

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



170.1860, 4.8383, 34.9169



197.8550, 6.9735, 50.1162



166.6520, -8.7024, 38.0162



97.8590, 0.5625, 6.2627



60.1500, 13.2370, 94.5844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 187.8140, -4.8383, -34.9169 looks on a white background.

Color Contrast Check

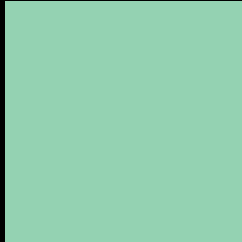
Large Text (above 18pt) WCAG AA × Fail

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 187.8140, -4.8383, -34.9169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

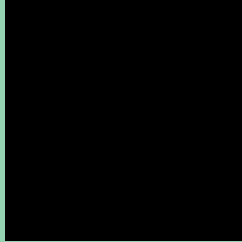
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.8140, -4.8383, -34.9169

Background



This preview shows how black text looks on a background with the YUV color 187.8140, -4.8383, -34.9169.



This preview shows how white text looks on a background with the YUV color 187.8140, -4.8383, -34.9169.

-34.9169.

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

187.8140, -4.8383, -34.9169

Protanopia

195.1400, -12.3940, 8.6472

Deuteranopia

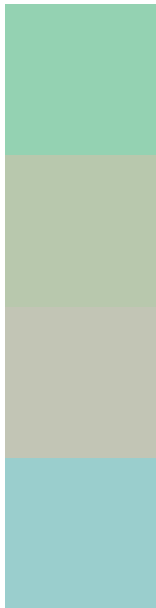
197.4710, -7.6272, 19.7579



Tritanopia

191.7710, 13.9169, -30.4942

Trichromacy



Original Color

187.8140, -4.8383, -34.9169

Protanomaly

192.1380, -9.4350, -7.1370

Deuteranomaly

194.2790, -6.5465, -0.2447

Tritanomaly

190.3380, 7.2284, -31.8684

Monochromacy



Original Color

187.8140, -4.8383, -34.9169

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7550, -1.8512, -12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8140, -4.8383, -34.9169 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, 210, 178)` looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 178)  
}
```

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, 210, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 178) }
```

Border

The CSS property to change the border of an element to YUV 187.8140, -4.8383, -34.9169 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, 210, 178) }
```


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

```
.border{ border-color:rgb(148, 210, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 210, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 178);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 187.8140, -4.8383, -34.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 178) }
```

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

```
.background{ background-color: rgb(148,  
210, 178) }
```

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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