

Converting Colors

YUV(186.1050, -16.3208,
-38.6801)

Have a look what the booklet for
YUV(186.1050, -16.3208, -38.6801)
contains.

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Color

**YUV(186.1050, -16.3208,
-38.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED799
RGB	142, 215, 153
RGB Percent	56%, 84%, 60%
CMY	0.4431, 0.1569, 0.4000
CMYK	0.34, 0.00, 0.29, 0.16
HSL	129°, 48%, 70%
HSV	129°, 34%, 84%
XYZ	41.2055, 56.6516, 38.9001
YIQ	186.1050, -23.6060, -34.7580

Conversions

Conversions Part 2

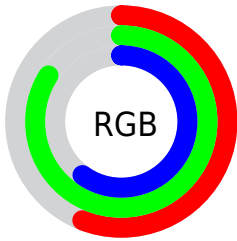
Format	Color
RYB	142, 205, 215
Decimal	9361305
CIELab	79.98, -35.30, 23.57
CIELCh	80, 42.447, 146.264
Yxy	56.6516, 0.3013, 0.4142
Android (android.graphics.Color)	4287551385 (0xFF8ED799)
YUV	186.1050, -16.3208, -38.6801
Hunter-Lab	75.2672, -33.9967, 22.0444

Details

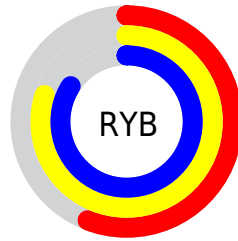
The YUV color **186.1050, -16.3208, -38.6801** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.8950, 16.3208, 38.6801**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5990, -12.1273, -30.3433**, and **131.8600, -14.7210, -38.4652** is the 20% darker color. If you saturate the color by 10%, you get **177.7740, -21.0876, -49.7908**, and if you desaturate by 10%, it is **194.7350, -11.7014, -26.9546**.

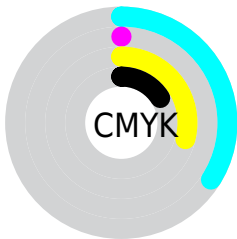
Distribution



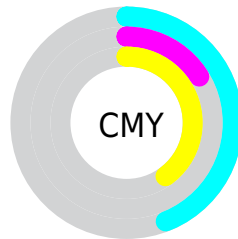
- Red (56%)
- Green (84%)
- Blue (60%)



- Red (56%)
- Yellow (80%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1050, -16.3208, -38.6801 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 186.1050, -16.3208, -38.6801 by changing the saturation by 10% instead.

■ 186.1050,
-16.3208, -38.6801

■ 186.1050,
-16.3208, -38.6801

255.0000, 0.0000,
0.0000

■ 158.6320,
-15.5946, -38.2653

■ 232.5990,
-12.1273, -30.3433

■ 131.8600,
-14.7210, -38.4652

■ 244.1630, -4.0244,
-15.9290

■ 105.3870,
-13.9948, -38.0504

■ 79.7180, -12.6790,
-40.0947

■ 52.2550, -10.4787,
-45.8276

■ 35.6590, -13.1429,
-31.2729

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 186.1050,
-16.3208, -38.6801

■ 186.1050,
-16.3208, -38.6801

■ 177.7740,
-21.0876, -49.7908

■ 194.7350,
-11.7014, -26.9546

■ 169.0300,
-26.1438, -61.4163

■ 203.1800, -6.4977,
-15.9439

■ 160.6990,
-30.9106, -72.5270

■ 211.8100, -1.8783,
-4.2184

■ 152.0690,
-35.5300, -84.2525

■ 220.1410, 2.8885,
6.8923

■ 143.7380,
-40.2968, -95.3632

■ 228.7710, 7.5079,
18.6178

■ 134.9940,
-45.3530, -106.9887

■ 231.5200, 11.5756,
20.5920

■ 129.8530,
-48.2415, -113.8811

Harmonies

Analogous

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



191.7970, -32.4379, -2.4530



186.1050, -16.3208, -38.6801



177.0520, 7.3694, -77.2216

Triad

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



186.1050, -16.3208, -38.6801



188.2860, 32.8900, -49.3628



194.8450, -14.7136, 52.7559

Complementary

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



186.1050, -16.3208, -38.6801



170.8950, 16.3208, 38.6801

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.



198.2310, 3.3371, 49.7864



186.1050, -16.3208, -38.6801



199.2040, 27.5074, -2.8099

Square

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



186.1050, -16.3208, -38.6801



172.3290, 40.7568, -99.3895



203.9700, 19.2418, 35.1063



197.1810, -31.1482, 50.7073

Rectangle

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



186.1050, -16.3208, -38.6801



167.5720, 25.3540, -105.7416



203.9700, 19.2418, 35.1063



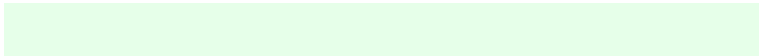
195.1530, -8.4564, 52.4858

Sweetspot

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



186.1050, -16.3208, -38.6801



245.0170, -5.9244, -13.1699



203.3890, -30.2648, 0.5358



121.7340, -3.3199, -8.5367



0.0000, 0.0000, 0.0000



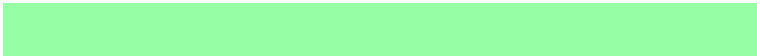
128.0000, 0.0000, 0.0000

Same Dimension

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



186.1050, -16.3208, -38.6801



213.4590, -23.3973, -55.6535



190.2090, -0.5960, -42.2793



102.6850, -2.3097, -5.8627



103.3410, -38.1291, -90.6301



26.0390, -9.3862, -22.8362

Inverse Universe

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



170.8950, 16.3208, 38.6801



191.5410, 23.3973, 55.6535



166.7910, 0.5960, 42.2793



100.3150, 2.3097, 5.8627



67.6590, 38.1291, 90.6301



17.0750, 9.8230, 22.7362

Previews

White Background



This preview shows how the YUV color 186.1050, -16.3208, -38.6801 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 186.1050, -16.3208, -38.6801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

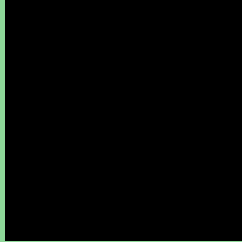
Any Text WCAG AA ✓ Pass

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 186.1050, -16.3208, -38.6801 Background



This preview shows how black text looks on a background with the YUV color 186.1050, -16.3208, -38.6801.



This preview shows how white text looks on a background with the YUV color 186.1050, -16.3208, -38.6801.

-38.6801.

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

186.1050, -16.3208, -38.6801

Protanopia

195.5570, -24.9246, 14.4205

Deuteranopia

198.3120, -19.8738, 27.7904



Tritanopia

192.9880, 14.7959, -32.4385

Trichromacy



Original Color

186.1050, -16.3208, -38.6801



Protanomaly

192.5330, -21.9548, -4.8524



Deuteranomaly

193.7990, -18.6349, 3.6843



Tritanomaly

190.4040, 3.7448, -34.5573

Monochromacy



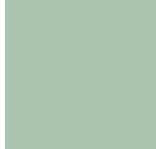
Original Color

186.1050, -16.3208, -38.6801



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.3050, -6.0664, -14.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1050, -16.3208, -38.6801 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(142, 215, 153)` looks like.

```
.text, #text, p{  
    color:rgb(142, 215, 153)  
}
```

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(142, 215, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 215, 153) }
```

Border

The CSS property to change the border of an element to YUV 186.1050, -16.3208, -38.6801 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(142, 215, 153) }
```


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

```
.border{ border-color:rgb(142, 215, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 215, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 215, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 215, 153); box-shadow:4px 4px 4px 4px rgb(142, 215, 153) }
```

Background

The CSS property to change the background color of an element to YUV 186.1050, -16.3208, -38.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 215, 153) }
```

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

```
.background{ background-color: rgb(142,  
215, 153) }
```

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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