

Converting Colors

YUV(186.7120, -10.2110,
-38.3354)

Have a look what the booklet for
YUV(186.7120, -10.2110, -38.3354)
contains.

YUV(186.7120, -10.2110, -38.3354)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.7120, -10.2110,
-38.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD5A6
RGB	143, 213, 166
RGB Percent	56%, 84%, 65%
CMY	0.4392, 0.1647, 0.3490
CMYK	0.33, 0.00, 0.22, 0.16
HSL	140°, 45%, 70%
HSV	140°, 33%, 84%
XYZ	42.0049, 56.1813, 44.7066
YIQ	186.7120, -26.6330, -29.4570

Conversions

Conversions Part 2

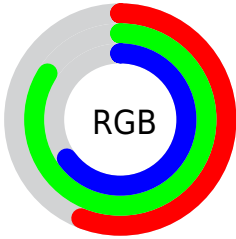
Format	Color
RYB	143, 196, 213
Decimal	9426342
CIELab	79.72, -31.72, 16.38
CIELCh	80, 35.699, 152.691
Yxy	56.1813, 0.2940, 0.3932
Android (android.graphics.Color)	4287616422 (0xFF8FD5A6)
YUV	186.7120, -10.2110, -38.3354
Hunter-Lab	74.9542, -31.1371, 17.1043

Details

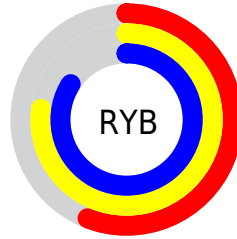
The YUV color $186.7120, -10.2110, -38.3354$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $169.2880, 10.2110, 38.3354$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.0810, -6.4489, -31.6430$, and $132.6520, -9.1954, -37.4058$ is the 20% darker color. If you saturate the color by 10%, you get $178.8370, -13.2306, -49.8460$, and if you desaturate by 10%, it is $194.5870, -7.1914, -26.8248$.

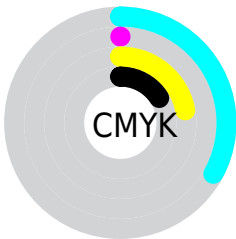
Distribution



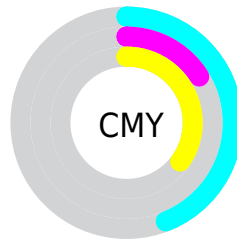
- Red (56%)
- Green (84%)
- Blue (65%)



- Red (56%)
- Yellow (77%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7120, -10.2110, -38.3354 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 186.7120, -10.2110, -38.3354 by changing the saturation by 10% instead.

■ 186.7120,
-10.2110, -38.3354

■ 186.7120,
-10.2110, -38.3354

255.0000, 0.0000,
0.0000

■ 159.2390, -9.4848,
-37.9206

■ 234.0810, -6.4489,
-31.6430

■ 132.6520, -9.1954,
-37.4058

■ 246.0580, 1.9434,
-16.7139

■ 106.7660, -8.7586,
-37.5058

■ 80.8090, -7.3008,
-38.4205

■ 53.0470, -4.9532,
-44.7682

■ 36.5540, -7.1751,
-32.0579

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 186.7120,
-10.2110, -38.3354

■ 186.7120,
-10.2110, -38.3354

■ 178.8370,
-13.2306, -49.8460

■ 194.5870, -7.1914,
-26.8248

■ 170.5490,
-16.5397, -61.8715

■ 202.8750, -3.8824,
-14.7994

■ 162.6740,
-19.5593, -73.3821

■ 210.7500, -0.8627,
-3.2887

■ 154.7990,
-22.5789, -84.8927

■ 218.6250, 2.1569,
8.2219

■ 146.8100,
-26.0353, -96.3034

■ 226.9130, 5.4659,
20.2473

■ 138.6360,
-28.9075, -108.4288

■ 230.0040, 10.8440,
21.9215

■ 133.0110,
-31.0644, -116.6506

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

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



191.4140, -24.8541, -8.2561



186.7120, -10.2110, -38.3354



180.9870, 9.3734, -66.6406

Triad

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



186.7120, -10.2110, -38.3354



193.4130, 30.3624, -31.9342



198.1390, -17.3235, 49.8671

Complementary

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



186.7120, -10.2110, -38.3354



169.2880, 10.2110, 38.3354

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.



199.5530, -1.7516, 48.6270



186.7120, -10.2110, -38.3354



200.9060, 26.1753, 4.4674

Square

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



186.7120, -10.2110, -38.3354



184.3440, 34.8334, -66.0767



202.6620, 12.9846, 35.3764



197.9950, -29.0845, 42.1004

Rectangle

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



186.7120, -10.2110, -38.3354



177.8250, 21.7783, -78.7765



202.6620, 12.9846, 35.3764



198.2190, -11.9400, 49.7969

Sweetspot

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



186.7120, -10.2110, -38.3354



245.5870, -3.7404, -13.6698



198.4420, -27.3329, -6.5266



121.9620, -2.4463, -8.7367



0.0000, 0.0000, 0.0000



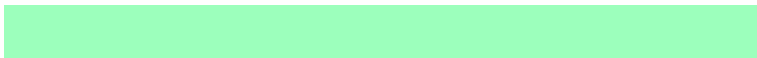
128.0000, 0.0000, 0.0000

Same Dimension

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



186.7120, -10.2110, -38.3354



217.7610, -14.6722, -54.1644



190.5880, 4.6401, -41.7347



102.9130, -1.4361, -6.0627



106.7610, -25.0252, -93.6294



26.8370, -6.3286, -23.5360

Inverse Universe

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



169.2880, 10.2110, 38.3354



193.1250, 14.2354, 54.2644



165.4120, -4.6401, 41.7347



100.2010, 1.8729, 5.9627



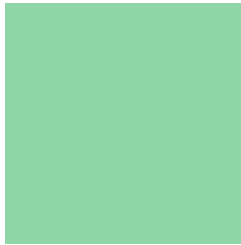
64.2390, 25.0252, 93.6294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 186.7120, -10.2110, -38.3354 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 186.7120, -10.2110, -38.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

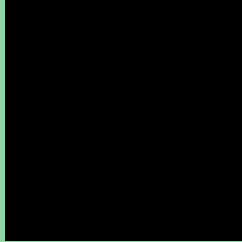
Any Text WCAG AA ✓ Pass

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 186.7120, -10.2110, -38.3354 Background



This preview shows how black text looks on a background with the YUV color 186.7120, -10.2110, -38.3354.



This preview shows how white text looks on a background with the YUV color 186.7120, -10.2110, -38.3354.

-38.3354.

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

186.7120, -10.2110, -38.3354

Protanopia

195.5550, -18.5146, 11.7913

Deuteranopia

197.7120, -13.1690, 23.9316



Tritanopia

191.6890, 14.9433, -33.0533

Trichromacy



Original Color

186.7120, -10.2110, -38.3354

Protanomaly

192.2430, -15.4028, -6.3521

Deuteranomaly

193.7970, -12.2249, 1.0550

Tritanomaly

189.9740, 5.9288, -35.0572

Monochromacy



Original Color

186.7120, -10.2110, -38.3354

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.5870, -3.7404, -13.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7120, -10.2110, -38.3354 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(143, 213, 166)` looks like.

```
.text, #text, p{  
    color:rgb(143, 213, 166)  
}
```

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(143, 213, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 213, 166) }
```

Border

The CSS property to change the border of an element to YUV 186.7120, -10.2110, -38.3354 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(143, 213, 166) }
```


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

```
.border{ border-color:rgb(143, 213, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 213, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 213, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 213, 166);  
box-shadow:4px 4px 4px 4px rgb(143, 213,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 186.7120, -10.2110, -38.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 213, 166) }
```

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

```
.background{ background-color: rgb(143,  
213, 166) }
```

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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