

Converting Colors

YUV(188.1910, -13.4052,
-40.5095)

Have a look what the booklet for
YUV(188.1910, -13.4052, -40.5095)
contains.

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Color

**YUV(188.1910, -13.4052,
-40.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED9A1
RGB	142, 217, 161
RGB Percent	56%, 85%, 63%
CMY	0.4431, 0.1490, 0.3686
CMYK	0.35, 0.00, 0.26, 0.15
HSL	135°, 50%, 70%
HSV	135°, 35%, 85%
XYZ	42.4012, 57.9497, 42.6688
YIQ	188.1910, -26.7240, -33.3160

Conversions

Conversions Part 2

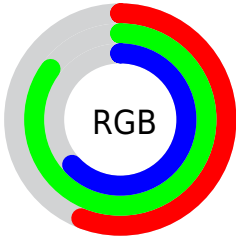
Format	Color
RYB	142, 202, 217
Decimal	9361825
CIELab	80.71, -34.81, 20.39
CIELCh	81, 40.340, 149.646
Yxy	57.9497, 0.2965, 0.4052
Android (android.graphics.Color)	4287551905 (0xFF8ED9A1)
YUV	188.1910, -13.4052, -40.5095
Hunter-Lab	76.1247, -33.7943, 20.0545

Details

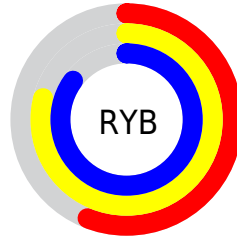
The YUV color **188.1910, -13.4052, -40.5095** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.8090, 13.4052, 40.5095**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.5110, -8.6329, -31.1431**, and **133.8320, -12.2422, -40.1947** is the 20% darker color. If you saturate the color by 10%, you get **179.7890, -17.1510, -52.4350**, and if you desaturate by 10%, it is **196.5930, -9.6593, -28.5841**.

Distribution



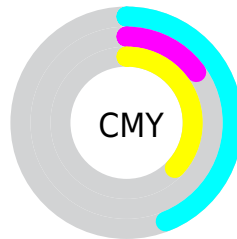
- Red (56%)
- Green (85%)
- Blue (63%)



- Red (56%)
- Yellow (79%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)



- Cyan (44%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.1910, -13.4052, -40.5095 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 188.1910, -13.4052, -40.5095 by changing the saturation by 10% instead.

■ 188.1910,
-13.4052, -40.5095

■ 188.1910,
-13.4052, -40.5095

255.0000, 0.0000,
0.0000

■ 160.7180,
-12.6790, -40.0947

■ 233.5110, -8.6329,
-31.1431

■ 133.8320,
-12.2422, -40.1947

■ 245.0750, -0.5300,
-16.7288

■ 107.4730,
-11.0792, -39.8798

■ 81.1030, -9.9108,
-41.3093

■ 53.7540, -7.2737,
-47.1423

■ 37.7450, -10.2273,
-33.1024

■ 22.8930, -11.2862,

-20.0772

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 188.1910,
-13.4052, -40.5095

■ 188.1910,
-13.4052, -40.5095

■ 179.7890,
-17.1510, -52.4350

■ 196.5930, -9.6593,
-28.5841

■ 171.6860,
-21.0442, -63.7456

■ 204.6960, -5.7661,
-17.2734

■ 163.1700,
-25.2268, -75.5711

■ 213.2120, -1.5835,
-5.4479

■ 154.7680,
-28.9726, -87.4965

■ 221.6140, 2.1623,
6.4775

■ 146.6650,
-32.8658, -98.8072

■ 230.0160, 5.9081,
18.4030

■ 138.2630,
-36.6117, -110.7327

■ 232.6940, 10.9969,
19.5624

■ 133.6490,
-38.7740, -117.2102

Harmonies

Analogous

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



193.8720, -29.5169, -6.0267



188.1910, -13.4052, -40.5095



180.5190, 9.1111, -75.8772

Triad

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



188.1910, -13.4052, -40.5095



192.4720, 30.8263, -40.7559



197.1930, -15.8711, 50.6967

Complementary

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



188.1910, -13.4052, -40.5095



170.8090, 13.4052, 40.5095

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.



199.6500, 1.1586, 48.5420



188.1910, -13.4052, -40.5095



202.1830, 26.0388, 1.5935

Square

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



188.1910, -13.4052, -40.5095



179.8040, 37.0716, -84.0201



205.8840, 16.3262, 36.9357



200.3440, -31.7216, 47.9333

Rectangle

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



188.1910, -13.4052, -40.5095



174.3990, 24.4533, -96.8199



205.8840, 16.3262, 36.9357



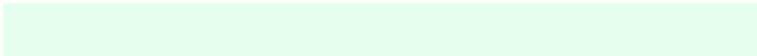
197.3870, -10.0508, 50.5266

Sweetspot

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



188.1910, -13.4052, -40.5095



245.3590, -4.6140, -13.4698



202.7690, -29.9591, -4.1824



121.8480, -2.8831, -8.6367



0.0000, 0.0000, 0.0000



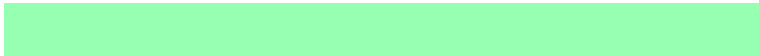
128.0000, 0.0000, 0.0000

Same Dimension

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



188.1910, -13.4052, -40.5095



214.7130, -18.5925, -56.7533



192.4090, 2.7564, -44.2087



105.6850, -2.3097, -5.8627



106.5670, -30.8455, -93.4593



28.3700, -8.0704, -24.8805

Inverse Universe

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



170.8090, 13.4052, 40.5095



190.4010, 19.0293, 56.6533



166.5910, -2.7564, 44.2087



103.2010, 1.8729, 5.9627



66.4330, 30.8455, 93.4593



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 188.1910, -13.4052, -40.5095 looks on a white background.

Color Contrast Check

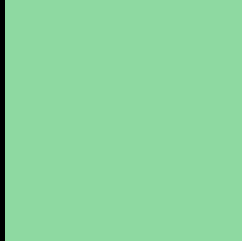
Large Text (above 18pt) WCAG AA × Fail

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 188.1910, -13.4052, -40.5095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

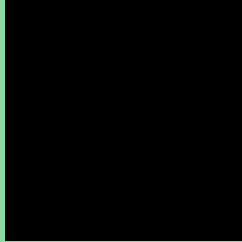
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

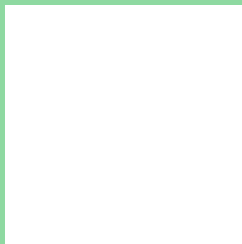
Any Text WCAG AAA ✓ Pass

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

YUV 188.1910, -13.4052, -40.5095 Background



This preview shows how black text looks on a background with the YUV color 188.1910, -13.4052, -40.5095.



This preview shows how white text looks on a background with the YUV color 188.1910, -13.4052, -40.5095.

-40.5095.

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

188.1910, -13.4052, -40.5095

Protanopia

197.9420, -22.1564, 13.2059

Deuteranopia

200.3980, -16.9582, 25.9610



Tritanopia

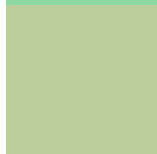
194.6780, 14.9487, -34.7976

Trichromacy



Original Color

188.1910, -13.4052, -40.5095



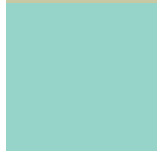
Protanomaly

194.6190, -19.0392, -6.6819



Deuteranomaly

195.8850, -15.7193, 1.8549



Tritanomaly

192.3220, 4.7713, -37.1164

Monochromacy



Original Color

188.1910, -13.4052, -40.5095



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.2340, -5.0454, -15.1142

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1910, -13.4052, -40.5095 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, 217, 161)` looks like.

```
.text, #text, p{  
    color:rgb(142, 217, 161)  
}
```

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, 217, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 217, 161) }
```

Border

The CSS property to change the border of an element to YUV 188.1910, -13.4052, -40.5095 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, 217, 161) }
```


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

```
.border{ border-color:rgb(142, 217, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 217, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 217, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 217, 161);  
box-shadow:4px 4px 4px 4px rgb(142, 217,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 188.1910, -13.4052, -40.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 217, 161) }
```

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

```
.background{ background-color: rgb(142,  
217, 161) }
```

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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