

Converting Colors

YUV(212.3190, -4.1013,
-37.9908)

Have a look what the booklet for
YUV(212.3190, -4.1013, -37.9908)
contains.

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Color

**YUV(212.3190, -4.1013,
-37.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ECCC
RGB	169, 236, 204
RGB Percent	66%, 93%, 80%
CMY	0.3373, 0.0745, 0.2000
CMYK	0.28, 0.00, 0.14, 0.07
HSL	151°, 64%, 79%
HSV	151°, 28%, 93%
XYZ	57.2567, 72.7856, 68.1580
YIQ	212.3190, -29.6600, -24.1560

Conversions

Conversions Part 2

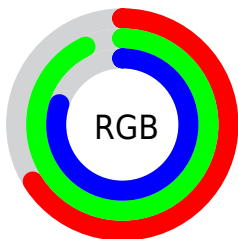
Format	Color
RYB	169, 213, 236
Decimal	11136204
CIELab	88.35, -27.49, 8.82
CIElCh	88, 28.866, 162.210
Yxy	72.7856, 0.2889, 0.3672
Android (android.graphics.Color)	4289326284 (0xFFA9ECCC)
YUV	212.3190, -4.1013, -37.9908
Hunter-Lab	85.3145, -29.5043, 12.3531

Details

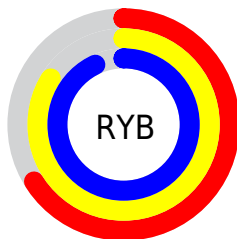
The YUV color $212.3190, -4.1013, -37.9908$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $192.6810, 4.1013, 37.9908$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0300, 4.4222, -18.4433$, and $157.1450, -3.5225, -36.9612$ is the 20% darker color. If you saturate the color by 10%, you get $203.8890, -5.3683, -51.6457$, and if you desaturate by 10%, it is $220.7490, -2.8343, -24.3359$.

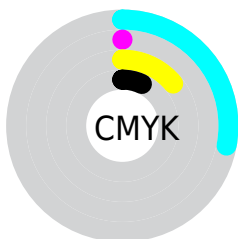
Distribution



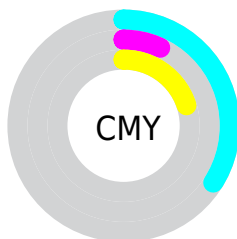
- Red (66%)
- Green (93%)
- Blue (80%)



- Red (66%)
- Yellow (84%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (34%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3190, -4.1013, -37.9908 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 212.3190, -4.1013, -37.9908 by changing the saturation by 10% instead.

 212.3190, -4.1013,
-37.9908

 212.3190, -4.1013,
-37.9908

255.0000, 0.0000,
0.0000


 184.7320, -3.8119,
-37.4760


 246.0300, 4.4222,
-18.4433

 157.1450, -3.5225,
-36.9612

 130.5580, -3.2331,
-36.4464

 104.6720, -2.7963,
-36.5463

 78.9000, -1.9227,
-36.7463

 52.4370, 0.2776,
-42.4792

 35.2320, -2.0864,

-30.8985

■ 20.2830, -6.0555,
-17.7882

■ 0.0000, 0.0000,
0.0000

■ 212.3190, -4.1013,
-37.9908

■ 212.3190, -4.1013,
-37.9908

■ 203.8890, -5.3683,
-51.6457

■ 220.7490, -2.8343,
-24.3359

■ 195.6440, -7.2195,
-64.5858

■ 228.9940, -0.9830,
-11.3957

■ 187.2140, -8.4865,
-78.2407

■ 237.4240, 0.2840,
2.2592

■ 179.0830, -9.9009,
-91.2808

■ 243.1630, 2.8776,
10.3810

■ 170.6530,
-11.1679, -104.9357

■ 243.8470, 5.4984,
9.7812

■ 162.1090,
-12.8717, -118.4906

■ 153.9780,
-14.2862, -131.5307

■ 152.5540,
-14.5701, -133.7899

Harmonies

Analogous

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



215.9170, -17.7071, -13.9592



212.3190, -4.1013, -37.9908



209.5200, 11.0826, -54.8300

Triad

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



212.3190, -4.1013, -37.9908



219.2060, 17.6464, -13.3357



218.3710, -15.9589, 32.1236

Complementary

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



212.3190, -4.1013, -37.9908



192.6810, 4.1013, 37.9908

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.



218.8730, -3.8814, 31.6834



212.3190, -4.1013, -37.9908



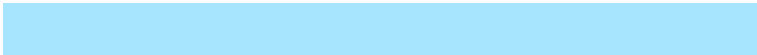
224.6870, 14.9443, 13.4295

Square

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



212.3190, -4.1013, -37.9908



213.4260, 20.4960, -40.7156



223.2390, 7.7702, 27.8544



221.2430, -25.2628, 29.6049

Rectangle

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



212.3190, -4.1013, -37.9908



209.4900, 19.9714, -59.1887



223.2390, 7.7702, 27.8544



218.1090, -11.8857, 32.3534

Sweetspot

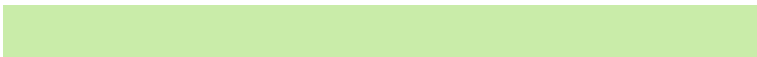
The Sweet Spot groups the original color and five complimentary colors.



212.3190, -4.1013, -37.9908



246.8690, -1.4144, -13.0401



217.8970, -24.1062, -14.8187



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000



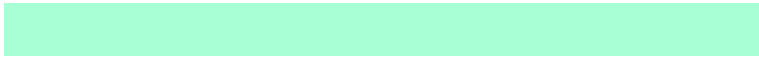
128.0000, 0.0000, 0.0000

Same Dimension

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



212.3190, -4.1013, -37.9908



224.3130, -5.0843, -49.3865



215.3800, 10.1657, -40.6753



113.1410, -0.5625, -6.2627



117.0770, -10.8840, -102.6765



34.8900, -3.3968, -30.5985

Inverse Universe

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



192.6810, 4.1013, 37.9908



198.8010, 5.5211, 49.2865



189.6200, -10.1657, 40.6753



109.8590, 0.5625, 6.2627



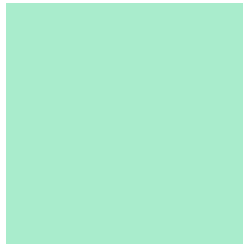
63.9230, 10.8840, 102.6765



19.1100, 3.3968, 30.5985

Previews

White Background



This preview shows how the YUV color 212.3190, -4.1013, -37.9908 looks on a white background.

Color Contrast Check

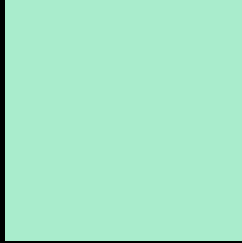
Large Text (above 18pt) WCAG AA × Fail

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 212.3190, -4.1013, -37.9908 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

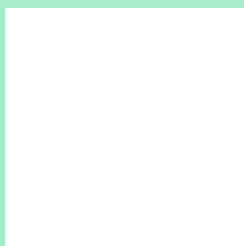
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.3190, -4.1013, -37.9908

Background



This preview shows how black text looks on a background with the YUV color 212.3190, -4.1013, -37.9908.



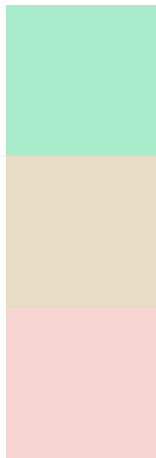
This preview shows how white text looks on a background with the YUV color 212.3190, -4.1013, -37.9908.

-37.9908.

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

212.3190, -4.1013, -37.9908

Protanopia

220.5530, -12.1046, 9.1620

Deuteranopia

222.7100, -6.7590, 21.3023



Tritanopia

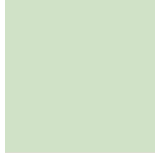
216.5040, 15.5275, -33.7680

Trichromacy



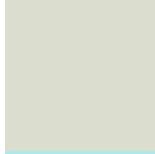
Original Color

212.3190, -4.1013, -37.9908



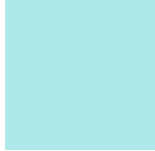
Protanomaly

217.5400, -9.1402, -8.3666



Deuteranomaly

218.8060, -5.8204, 0.1701



Tritanomaly

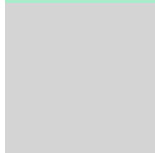
214.9570, 8.4022, -35.0423

Monochromacy



Original Color

212.3190, -4.1013, -37.9908



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.1570, -1.5564, -14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3190, -4.1013, -37.9908 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(169, 236, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 236, 204)  
}
```

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(169, 236, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 236, 204) }
```

Border

The CSS property to change the border of an element to YUV 212.3190, -4.1013, -37.9908 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(169, 236, 204) }
```


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

```
.border{ border-color:rgb(169, 236, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 236, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 236, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 236, 204);  
box-shadow:4px 4px 4px 4px rgb(169, 236,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 212.3190, -4.1013, -37.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 236, 204) }
```

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

```
.background{ background-color: rgb(169,  
236, 204) }
```

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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