

Converting Colors

YUV(200.1710, 0.4087,
-37.8610)

Have a look what the booklet for
YUV(200.1710, 0.4087, -37.8610)
contains.

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Color

**YUV(200.1710, 0.4087,
-37.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDEC9
RGB	157, 222, 201
RGB Percent	62%, 87%, 79%
CMY	0.3843, 0.1294, 0.2118
CMYK	0.29, 0.00, 0.09, 0.13
HSL	161°, 50%, 74%
HSV	161°, 29%, 87%
XYZ	50.5685, 63.6277, 64.8745
YIQ	200.1710, -31.9990, -20.3110

Conversions

Conversions Part 2

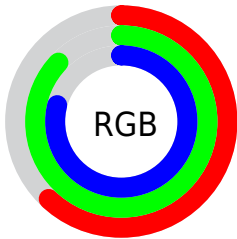
Format	Color
RYB	157, 196, 222
Decimal	10346185
CIELab	83.77, -24.90, 3.73
CIELCh	84, 25.176, 171.489
Yxy	63.6277, 0.2824, 0.3553
Android (android.graphics.Color)	4288536265 (0xFF9DDEC9)
YUV	200.1710, 0.4087, -37.8610
Hunter-Lab	79.7670, -26.4316, 7.6163

Details

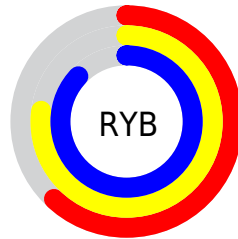
The YUV color $200.1710, 0.4087, -37.8610$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $178.8290, -0.4087, 37.8610$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4420, 6.1911, -25.8206$, and $145.5840, 0.6981, -37.3462$ is the 20% darker color. If you saturate the color by 10%, you get $192.7950, 0.5941, -50.6862$, and if you desaturate by 10%, it is $207.5470, 0.2233, -25.0357$.

Distribution



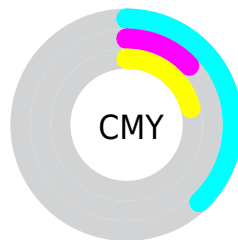
- Red (62%)
- Green (87%)
- Blue (79%)



- Red (62%)
- Yellow (77%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1710, 0.4087, -37.8610 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 200.1710, 0.4087, -37.8610 by changing the saturation by 10% instead.

■ 200.1710, 0.4087,
-37.8610

■ 200.1710, 0.4087,
-37.8610

255.0000, 0.0000,
0.0000

■ 172.5840, 0.6981,
-37.3462

■ 242.4420, 6.1911,
-25.8206

■ 145.5840, 0.6981,
-37.3462

■ 251.1130, 1.9163,
-7.9921

■ 118.9970, 0.9875,
-36.8314

■ 93.5240, 1.7137,
-36.4165

■ 67.7410, 2.5927,
-38.3609

■ 44.4420, 2.7401,
-38.9756

■ 28.5470, 0.2233,

-25.0357

■ 13.3700, -4.6194,
-11.7255

■ 0.0000, 0.0000,
0.0000

■ 200.1710, 0.4087,
-37.8610

■ 200.1710, 0.4087,
-37.8610

■ 192.7950, 0.5941,
-50.6862

■ 207.5470, 0.2233,
-25.0357

■ 185.4190, 0.7794,
-63.5115

■ 214.9230, 0.0380,
-12.2105

■ 177.6300, 0.6754,
-76.8515

■ 222.7120, 0.1420,
1.1296

■ 170.2540, 0.8608,
-89.6768

■ 230.0880, -0.0434,
13.9548

■ 162.8780, 1.0461,
-102.5020

■ 233.5770, 1.6875,
18.7880

■ 155.5020, 1.2315,
-115.3273

■ 234.3750, 4.7451,
18.0881

■ 148.1260, 1.4169,
-128.1525

■ 235.1730, 7.8027,
17.3883

■ 147.4140, 1.2749,
-129.2821

■ 235.6290, 9.5499,
16.9884

Harmonies

Analogous

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



203.3770, -12.0179, -18.7476



200.1710, 0.4087, -37.8610



198.7210, 12.9555, -48.8673

Triad

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



200.1710, 0.4087, -37.8610



210.1730, 21.1137, -5.4137



210.4100, -18.4431, 35.5974

Complementary

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



200.1710, 0.4087, -37.8610



178.8290, -0.4087, 37.8610

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.



211.5380, -9.1392, 38.1162



200.1710, 0.4087, -37.8610



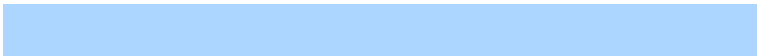
212.5520, 13.0389, 17.9329

Square

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



200.1710, 0.4087, -37.8610



205.5290, 24.3892, -29.4049



213.3770, 1.7861, 33.8724



208.4700, -22.9097, 21.5128

Rectangle

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



200.1710, 0.4087, -37.8610



199.4420, 19.5021, -48.6226



213.3770, 1.7861, 33.8724



211.0020, -16.2700, 38.5862

Sweetspot

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



200.1710, 0.4087, -37.8610



247.3250, 0.3328, -13.4400



201.7330, -22.0534, -19.9368



122.9450, 0.0271, -8.7218



0.0000, 0.0000, 0.0000



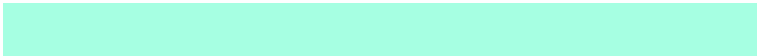
128.0000, 0.0000, 0.0000

Same Dimension

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



200.1710, 0.4087, -37.8610



225.0830, 0.4521, -51.8158



196.1080, 12.7648, -34.2977



108.3690, 0.3111, -6.4626



116.8780, 1.0461, -102.5020



31.9380, 0.5236, -28.0096

Inverse Universe

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



178.8290, -0.4087, 37.8610



195.9170, -0.4521, 51.8158



182.8920, -12.7648, 34.2977



104.7450, 0.1257, 6.3626



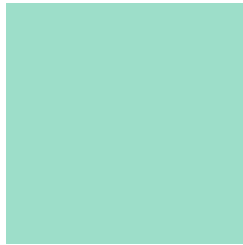
59.1220, -1.0461, 102.5020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 200.1710, 0.4087, -37.8610 looks on a white background.

Color Contrast Check

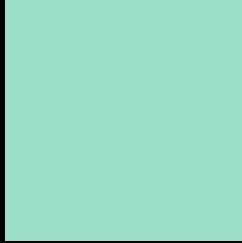
Large Text (above 18pt) WCAG AA × Fail

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 200.1710, 0.4087, -37.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

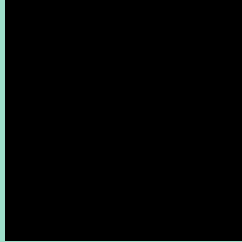
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

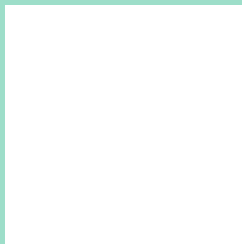
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.1710, 0.4087, -37.8610

Background



This preview shows how black text looks on a background with the YUV color 200.1710, 0.4087, -37.8610.



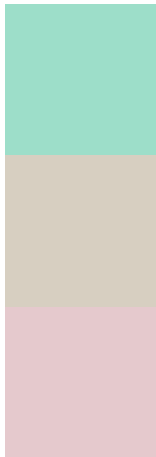
This preview shows how white text looks on a background with the YUV color 200.1710, 0.4087, -37.8610.

-37.8610.

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

200.1710, 0.4087, -37.8610

Protanopia

207.7960, -7.2944, 6.3179

Deuteranopia

209.8280, -2.3802, 16.8138



Tritanopia

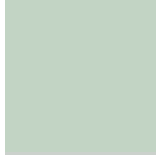
203.2050, 15.6749, -34.3828

Trichromacy



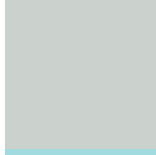
Original Color

200.1710, 0.4087, -37.8610



Protanomaly

204.7940, -4.3354, -9.4663



Deuteranomaly

206.6360, -1.2995, -3.1888



Tritanomaly

202.1140, 10.2968, -36.0570

Monochromacy



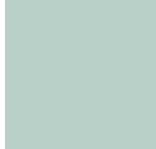
Original Color

200.1710, 0.4087, -37.8610



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1710, 0.4087, -37.8610 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(157, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(157, 222, 201)  
}
```

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(157, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 222, 201) }
```

Border

The CSS property to change the border of an element to YUV 200.1710, 0.4087, -37.8610 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(157, 222, 201) }
```


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

```
.border{ border-color:rgb(157, 222, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 222, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(157, 222,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 200.1710, 0.4087, -37.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 222, 201) }
```

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

```
.background{ background-color: rgb(157,  
222, 201) }
```

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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