

Converting Colors

YUV(198.1650, 2.8767,
-36.1017)

Have a look what the booklet for
YUV(198.1650, 2.8767, -36.1017)
contains.

YUV(198.1650, 2.8767, -36.1017)	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(198.1650, 2.8767,
-36.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDACC
RGB	157, 218, 204
RGB Percent	62%, 85%, 80%
CMY	0.3843, 0.1451, 0.2000
CMYK	0.28, 0.00, 0.06, 0.15
HSL	166°, 45%, 74%
HSV	166°, 28%, 85%
XYZ	49.8751, 61.6705, 66.4016
YIQ	198.1650, -31.8620, -17.2860

Conversions

Conversions Part 2

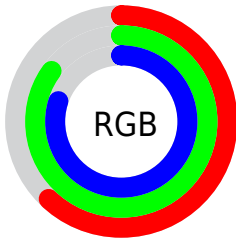
Format	Color
RYB	157, 191, 218
Decimal	10345164
CIELab	82.74, -22.30, 0.63
CIELCh	83, 22.312, 178.373
Yxy	61.6705, 0.2803, 0.3466
Android (android.graphics.Color)	4288535244 (0xFF9DDACC)
YUV	198.1650, 2.8767, -36.1017
Hunter-Lab	78.5306, -24.0624, 4.8387

Details

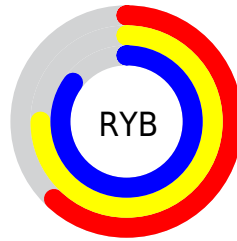
The YUV color **198.1650, 2.8767, -36.1017** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.8350, -2.8767, 36.1017**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **143.8770, 3.0186, -34.9721** is the 20% darker color. If you saturate the color by 10%, you get **191.0170, 3.9356, -49.1269**, and if you desaturate by 10%, it is **205.3130, 1.8177, -23.0765**.

Distribution



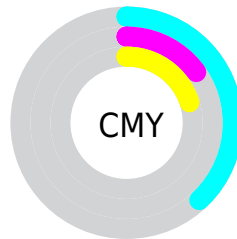
- Red (62%)
- Green (85%)
- Blue (80%)



- Red (62%)
- Yellow (75%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1650, 2.8767, -36.1017 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 198.1650, 2.8767, -36.1017 by changing the saturation by 10% instead.

■ 198.1650, 2.8767,
-36.1017

■ 198.1650, 2.8767,
-36.1017

255.0000, 0.0000,
0.0000

■ 170.5780, 3.1660,
-35.5869

■ 242.4420, 6.1911,
-25.8206

■ 143.8770, 3.0186,
-34.9721

■ 251.1130, 1.9163,
-7.9921

■ 117.2900, 3.3080,
-34.4573

■ 91.9910, 3.4554,
-35.0721

■ 66.5070, 4.1870,
-36.4016

■ 43.0230, 4.9187,
-37.7312

■ 27.1280, 2.4019,

-23.7913

■ 10.8910, -1.4253,
-9.5514

■ 0.0000, 0.0000,
0.0000

■ 198.1650, 2.8767,
-36.1017

■ 198.1650, 2.8767,
-36.1017

■ 191.0170, 3.9356,
-49.1269

■ 205.3130, 1.8177,
-23.0765

■ 183.8690, 4.9946,
-62.1521

■ 212.4610, 0.7587,
-10.0513

■ 177.0200, 5.9061,
-74.5625

■ 219.3100, -0.1528,
2.3591

■ 169.8720, 6.9651,
-87.5877

■ 226.4580, -1.2118,
15.3843

■ 162.7240, 8.0241,
-100.6129

■ 230.3170, -0.6493,
21.6470

■ 155.5760, 9.0830,
-113.6382

■ 230.8870, 1.5347,
21.1471

■ 148.4280, 10.1420,
-126.6634

■ 231.4570, 3.7187,
20.6472

■ 147.1180, 10.2948,
-129.0225

■ 232.0270, 5.9027,
20.1473

■ 232.5970, 8.0867,
19.6474

Harmonies

Analogous

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



200.5770, -8.6655, -20.6770



198.1650, 2.8767, -36.1017



197.5800, 13.5181, -42.6047

Triad

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



198.1650, 2.8767, -36.1017



207.8810, 17.3137, 0.1044



207.1920, -17.8427, 29.6496

Complementary

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



198.1650, 2.8767, -36.1017



176.8350, -2.8767, 36.1017

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.



208.4730, -10.5862, 35.5422



198.1650, 2.8767, -36.1017



209.8250, 8.9603, 19.4475

Square

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



198.1650, 2.8767, -36.1017



204.0740, 21.1625, -21.1129



209.6820, -0.8292, 32.7279



205.1210, -20.2727, 15.6799

Rectangle

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



198.1650, 2.8767, -36.1017



198.9700, 18.7488, -40.3157



209.6820, -0.8292, 32.7279



207.6700, -16.1063, 32.7384

Sweetspot

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



198.1650, 2.8767, -36.1017



248.4500, 0.7642, -11.7956



196.9930, -19.7165, -22.7959



123.7710, 0.6059, -7.6922



0.0000, 0.0000, 0.0000



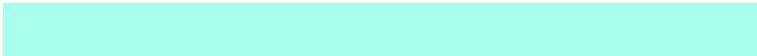
128.0000, 0.0000, 0.0000

Same Dimension

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



198.1650, 2.8767, -36.1017



226.7070, 4.0884, -51.4860



190.3690, 13.6221, -29.2646



106.3690, 0.3111, -6.4626



116.8270, 8.4663, -102.4573



30.9920, 1.9759, -27.1800

Inverse Universe

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



176.8350, -2.8767, 36.1017



196.2930, -4.0884, 51.4860



184.6310, -13.6221, 29.2646



102.5170, -0.7479, 6.5626



56.2870, -8.0295, 102.3573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 198.1650, 2.8767, -36.1017 looks on a white background.

Color Contrast Check

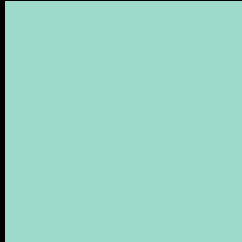
Large Text (above 18pt) WCAG AA × Fail

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 198.1650, 2.8767, -36.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

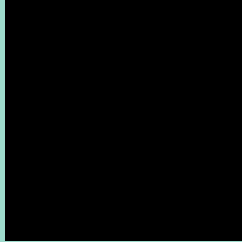
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

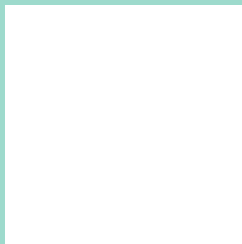
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.1650, 2.8767, -36.1017

Background



This preview shows how black text looks on a background with the YUV color 198.1650, 2.8767, -36.1017.



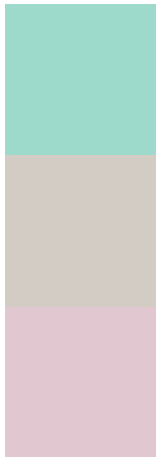
This preview shows how white text looks on a background with the YUV color 198.1650, 2.8767,

-36.1017.

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

198.1650, 2.8767, -36.1017

Protanopia

205.1810, -4.5262, 5.1033

Deuteranopia

207.5010, 0.2460, 14.4696



Tritanopia

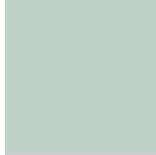
200.6890, 14.9433, -33.0533

Trichromacy



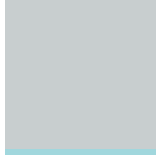
Original Color

198.1650, 2.8767, -36.1017



Protanomaly

202.4780, -1.7147, -10.0662



Deuteranomaly

204.3200, 1.3212, -3.7886



Tritanomaly

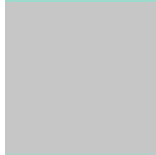
199.5380, 10.5808, -33.7978

Monochromacy



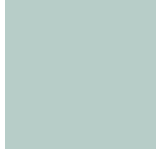
Original Color

198.1650, 2.8767, -36.1017



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.8520, 1.0590, -13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1650, 2.8767, -36.1017 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, 218, 204)` looks like.

```
.text, #text, p{  
    color:rgb(157, 218, 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(157, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 218, 204) }
```

Border

The CSS property to change the border of an element to YUV 198.1650, 2.8767, -36.1017 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, 218, 204) }
```


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

```
.border{ border-color:rgb(157, 218, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 218, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(157, 218,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 198.1650, 2.8767, -36.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 218, 204) }
```

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

```
.background{ background-color: rgb(157,  
218, 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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