

Converting Colors

YUV(199.9000, -1.9227,
-36.7463)

Have a look what the booklet for
YUV(199.9000, -1.9227, -36.7463)
contains.

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Color

**YUV(199.9000, -1.9227,
-36.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDEC4
RGB	158, 222, 196
RGB Percent	62%, 87%, 77%
CMY	0.3804, 0.1294, 0.2314
CMYK	0.29, 0.00, 0.12, 0.13
HSL	156°, 49%, 75%
HSV	156°, 29%, 87%
XYZ	50.1856, 63.4972, 61.8357
YIQ	199.9000, -29.7980, -21.6540

Conversions

Conversions Part 2

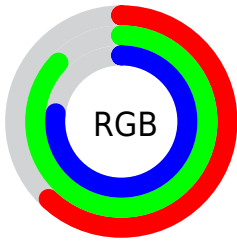
Format	Color
RYB	158, 198, 222
Decimal	10411716
CIELab	83.70, -25.63, 6.28
CIELCh	84, 26.387, 166.236
Yxy	63.4972, 0.2859, 0.3618
Android (android.graphics.Color)	4288601796 (0xFF9EDEC4)
YUV	199.9000, -1.9227, -36.7463
Hunter-Lab	79.6851, -27.0298, 9.7705

Details

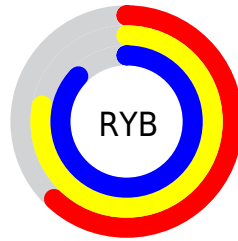
The YUV color **199.9000, -1.9227, -36.7463** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **180.1000, 1.9227, 36.7463**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.5130, 5.1701, -25.0059**, and **145.6120, -1.7807, -35.6167** is the 20% darker color. If you saturate the color by 10%, you get **192.2960, -2.6109, -49.3716**, and if you desaturate by 10%, it is **207.5040, -1.2345, -24.1210**.

Distribution



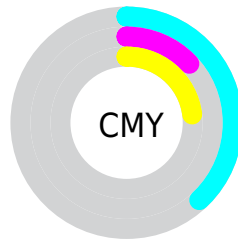
- Red (62%)
- Green (87%)
- Blue (77%)



- Red (62%)
- Yellow (78%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9000, -1.9227, -36.7463 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 199.9000, -1.9227, -36.7463 by changing the saturation by 10% instead.

■ 199.9000, -1.9227,
-36.7463

■ 199.9000, -1.9227,
-36.7463

255.0000, 0.0000,
0.0000

■ 172.3130, -1.6333,
-36.2315

■ 242.5130, 5.1701,
-25.0059

■ 145.6120, -1.7807,
-35.6167

■ 251.4120, 1.7689,
-7.3773

■ 119.1390, -1.0545,
-35.2019

■ 93.2530, -0.6177,
-35.3019

■ 67.8830, 0.5507,
-36.7314

■ 43.9860, 0.9929,
-38.5757

■ 28.2050, -1.0871,

-24.7358

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 199.9000, -1.9227,
-36.7463

■ 199.9000, -1.9227,
-36.7463

■ 192.2960, -2.6109,
-49.3716

■ 207.5040, -1.2345,
-24.1210

■ 184.6920, -3.2992,
-61.9969

■ 215.1080, -0.5462,
-11.4957

■ 176.7890, -3.8400,
-75.2370

■ 223.0110, -0.0054,
1.7444

■ 169.1850, -4.5282,
-87.8622

■ 230.6150, 0.6828,
14.3696

■ 161.5810, -5.2164,
-100.4875

■ 234.0330, 3.4347,
18.3881

■ 153.9770, -5.9047,
-113.1128

■ 235.0590, 7.3659,
17.4883

■ 146.3730, -6.5929,
-125.7381

■ 235.6290, 9.5499,
16.9884

■ 145.3620, -6.5875,
-127.4825

Harmonies

Analogous

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



203.1170, -14.3547, -15.8886



199.9000, -1.9227, -36.7463



198.0690, 11.7980, -50.9265

Triad

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



199.9000, -1.9227, -36.7463



208.8950, 22.7298, -10.4319



210.5460, -18.0172, 38.9862

Complementary

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



199.9000, -1.9227, -36.7463



180.1000, 1.9227, 36.7463

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.



210.7060, -7.2501, 38.8458



199.9000, -1.9227, -36.7463



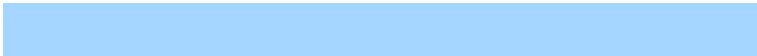
212.3990, 15.0863, 14.5591

Square

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



199.9000, -1.9227, -36.7463



203.7240, 25.2791, -34.8379



212.9470, 3.9701, 33.3725



208.6770, -23.5048, 25.7163

Rectangle

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



199.9000, -1.9227, -36.7463



198.0070, 19.2235, -52.6261



212.9470, 3.9701, 33.3725



210.6430, -15.1070, 38.9011

Sweetspot

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



199.9000, -1.9227, -36.7463



247.0970, -0.5408, -13.2401



203.6410, -22.5010, -16.3482



122.8310, -0.4097, -8.6218



0.0000, 0.0000, 0.0000



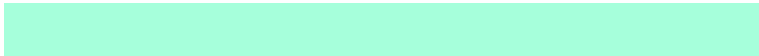
128.0000, 0.0000, 0.0000

Same Dimension

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



199.9000, -1.9227, -36.7463



224.2850, -2.6055, -51.1159



199.9290, 10.8810, -36.7717



108.2550, -0.1257, -6.3626



115.1680, -5.5058, -101.0023



31.4820, -1.2236, -27.6097

Inverse Universe

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



180.1000, 1.9227, 36.7463



196.7150, 2.6055, 51.1159



180.0710, -10.8810, 36.7717



104.8590, 0.5625, 6.2627



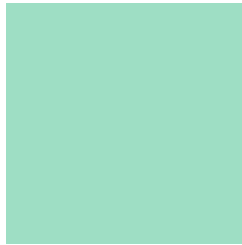
60.7180, 5.0690, 101.1023



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 199.9000, -1.9227, -36.7463 looks on a white background.

Color Contrast Check

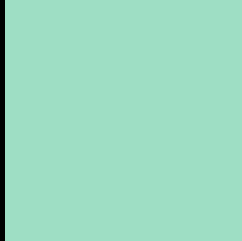
Large Text (above 18pt) WCAG AA × Fail

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 199.9000, -1.9227, -36.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

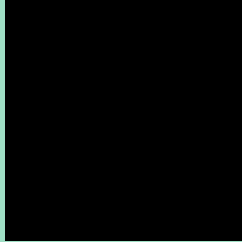
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.9000, -1.9227, -36.7463

Background



This preview shows how black text looks on a background with the YUV color 199.9000, -1.9227, -36.7463.



This preview shows how white text looks on a background with the YUV color 199.9000, -1.9227, -36.7463.

-36.7463.

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

199.9000, -1.9227, -36.7463

Protanopia

207.5250, -9.6258, 7.4326

Deuteranopia

209.8560, -4.8590, 18.5433



Tritanopia

203.6890, 14.9433, -33.0533

Trichromacy



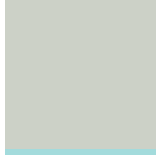
Original Color

199.9000, -1.9227, -36.7463



Protanomaly

204.5230, -6.6668, -8.3517



Deuteranomaly

206.3650, -3.6309, -2.0741



Tritanomaly

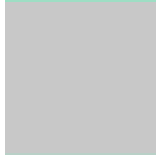
202.3700, 8.6916, -34.5275

Monochromacy



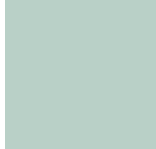
Original Color

199.9000, -1.9227, -36.7463



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9000, -1.9227, -36.7463 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(158, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(158, 222, 196)  
}
```

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(158, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 222, 196) }
```

Border

The CSS property to change the border of an element to YUV 199.9000, -1.9227, -36.7463 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(158, 222, 196) }
```


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

```
.border{ border-color:rgb(158, 222, 196) }
```

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

Here you see how a box with a 4 pixel rgb(158, 222, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(158, 222,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 199.9000, -1.9227, -36.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 222, 196) }
```

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

```
.background{ background-color: rgb(158,  
222, 196) }
```

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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