

Converting Colors

YUV(198.4980, -2.2175,
-35.5167)

Have a look what the booklet for
YUV(198.4980, -2.2175, -35.5167)
contains.

YUV(198.4980, -2.2175, -35.5167)	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(198.4980, -2.2175,
-35.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDCC2
RGB	158, 220, 194
RGB Percent	62%, 86%, 76%
CMY	0.3804, 0.1373, 0.2392
CMYK	0.28, 0.00, 0.12, 0.14
HSL	155°, 47%, 74%
HSV	155°, 28%, 86%
XYZ	49.4314, 62.3505, 60.4685
YIQ	198.4980, -28.6060, -21.2300

Conversions

Conversions Part 2

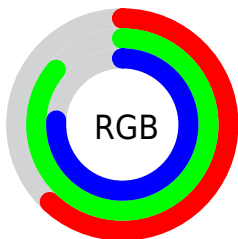
Format	Color
R _{YB}	158, 197, 220
Decimal	10411202
CIE Lab	83.10, -25.06, 6.47
CIE LCh	83, 25.883, 165.531
Yxy	62.3505, 0.2870, 0.3620
Android (android.graphics.Color)	4288601282 (0xFF9EDCC2)
YUV	198.4980, -2.2175, -35.5167
Hunter-Lab	78.9624, -26.4411, 9.8700

Details

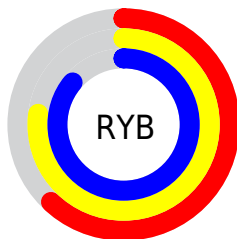
The YUV color **198.4980, -2.2175, -35.5167** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179.5020, 2.2175, 35.5167**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1710, 3.8597, -24.7060**, and **144.2100, -2.0755, -34.3872** is the 20% darker color. If you saturate the color by 10%, you get **190.8940, -2.9057, -48.1420**, and if you desaturate by 10%, it is **206.1020, -1.5293, -22.8915**.

Distribution



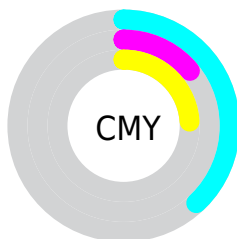
- Red (62%)
- Green (86%)
- Blue (76%)



- Red (62%)
- Yellow (77%)
- Blue (86%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)



- Cyan (38%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4980, -2.2175, -35.5167 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 198.4980, -2.2175, -35.5167 by changing the saturation by 10% instead.

■ 198.4980, -2.2175,
-35.5167

■ 198.4980, -2.2175,
-35.5167

255.0000, 0.0000,
0.0000

■ 170.9110, -1.9281,
-35.0019

■ 242.1710, 3.8597,
-24.7060

■ 144.2100, -2.0755,
-34.3872

■ 251.4120, 1.7689,
-7.3773

■ 117.7370, -1.3493,
-33.9723

■ 92.7370, -1.3493,
-33.9723

■ 67.3670, -0.1809,
-35.4019

■ 42.6980, 1.1349,
-37.4461

■ 26.8030, -1.3819,

-23.5062

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 198.4980, -2.2175,
-35.5167

■ 198.4980, -2.2175,
-35.5167

■ 190.8940, -2.9057,
-48.1420

■ 206.1020, -1.5293,
-22.8915

■ 183.2900, -3.5940,
-60.7673

■ 213.7060, -0.8411,
-10.2662

■ 175.5720, -4.7190,
-73.2926

■ 221.4240, 0.2840,
2.2592

■ 167.9680, -5.4072,
-85.9179

■ 229.0280, 0.9722,
14.8844

■ 160.3640, -6.0955,
-98.5432

■ 232.7450, 3.5767,
19.5176

■ 152.7600, -6.7837,
-111.1685

■ 233.7710, 7.5079,
18.6178

■ 145.0420, -7.9087,
-123.6938

■ 234.4550, 10.1287,
18.0180

■ 143.7320, -7.7559,
-126.0530

Harmonies

Analogous

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



201.4160, -14.5021, -15.2738



198.4980, -2.2175, -35.5167



196.5530, 11.0664, -49.5970

Triad

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



198.4980, -2.2175, -35.5167



207.5960, 22.8772, -11.0467



208.9480, -17.7224, 37.7566

Complementary

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



198.4980, -2.2175, -35.5167



179.5020, 2.2175, 35.5167

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.



210.0050, -7.3975, 39.4606



198.4980, -2.2175, -35.5167



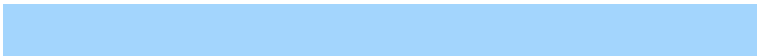
210.6870, 14.9443, 13.4295

Square

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



198.4980, -2.2175, -35.5167



202.6100, 24.8423, -34.7380



211.3490, 4.2649, 32.1429



206.7910, -23.0680, 25.6163

Rectangle

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



198.4980, -2.2175, -35.5167



197.0780, 18.2025, -51.8114



211.3490, 4.2649, 32.1429



209.4690, -14.5282, 39.9307

Sweetspot

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



198.4980, -2.2175, -35.5167



247.9940, -0.9830, -11.3957



202.4670, -21.9222, -15.3186



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000



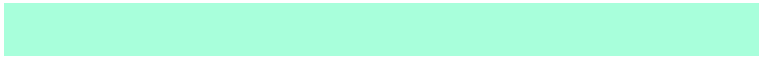
128.0000, 0.0000, 0.0000

Same Dimension

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



198.4980, -2.2175, -35.5167



224.8830, -2.9003, -49.8864



199.1140, 10.2968, -36.0570



106.1410, -0.5625, -6.2627



113.0650, -5.9480, -99.1580



30.0800, -1.5184, -26.3802

Inverse Universe

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



179.5020, 2.2175, 35.5167



198.2310, 3.3371, 49.7864



178.8860, -10.2968, 36.0570



102.7450, 0.1257, 6.3626



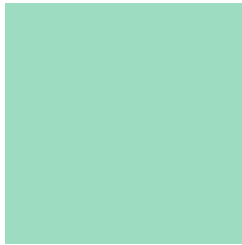
60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 198.4980, -2.2175, -35.5167 looks on a white background.

Color Contrast Check

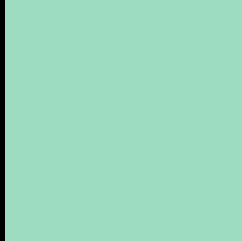
Large Text (above 18pt) WCAG AA × Fail

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 198.4980, -2.2175, -35.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

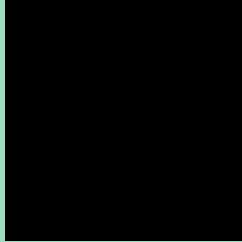
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

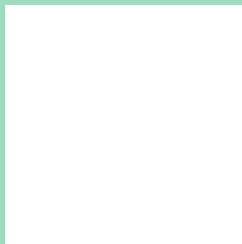
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.4980, -2.2175, -35.5167

Background



This preview shows how black text looks on a background with the YUV color 198.4980, -2.2175, -35.5167.



This preview shows how white text looks on a background with the YUV color 198.4980, -2.2175, -35.5167.

-35.5167.

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**

198.4980, -2.2175, -35.5167

Protanopia

206.4110, -10.0626, 7.5326

Deuteranopia

207.8560, -4.8590, 18.5433



Tritanopia

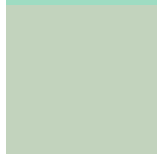
202.2870, 14.6485, -31.8237

Trichromacy



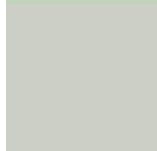
Original Color

198.4980, -2.2175, -35.5167



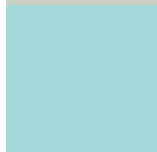
Protanomaly

203.4090, -7.1036, -8.2517



Deuteranomaly

204.6640, -3.7784, -1.4593



Tritanomaly

200.9680, 8.3968, -33.2979

Monochromacy



Original Color

198.4980, -2.2175, -35.5167



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4980, -2.2175, -35.5167 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, 220, 194)` looks like.

```
.text, #text, p{  
    color:rgb(158, 220, 194)  
}
```

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, 220, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 220, 194) }
```

Border

The CSS property to change the border of an element to YUV 198.4980, -2.2175, -35.5167 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, 220, 194) }
```


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

```
.border{ border-color:rgb(158, 220, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 220, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 220, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 220, 194);  
box-shadow:4px 4px 4px 4px rgb(158, 220,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 198.4980, -2.2175, -35.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 220, 194) }
```

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

```
.background{ background-color: rgb(158,  
220, 194) }
```

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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