

Converting Colors

YUV(198.8970, -33.9662,
21.1383)

Have a look what the booklet for
YUV(198.8970, -33.9662, 21.1383)
contains.

YUV(198.8970, -33.9662, 21.1383)	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(198.8970, -33.9662,
21.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC882
RGB	223, 200, 130
RGB Percent	87%, 78%, 51%
CMY	0.1255, 0.2157, 0.4902
CMYK	0.00, 0.10, 0.42, 0.13
HSL	45°, 59%, 69%
HSV	45°, 42%, 87%
XYZ	55.1150, 58.6082, 29.5267
YIQ	198.8970, 36.1780, -16.8940

Conversions

Conversions Part 2

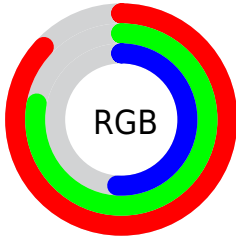
Format	Color
RYB	161, 223, 130
Decimal	14665858
CIELab	81.08, -1.48, 37.92
CIElCh	81, 37.947, 92.241
Yxy	58.6082, 0.3847, 0.4091
Android (android.graphics.Color)	4292855938 (0xFFDFC882)
YUV	198.8970, -33.9662, 21.1383
Hunter-Lab	76.5560, -5.4655, 30.7218

Details

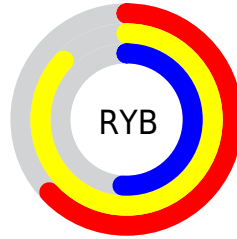
The YUV color **198.8970, -33.9662, 21.1383** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154.1030, 33.9662, -21.1383**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9060, -31.0127, 7.0984**, and **144.3420, -32.2136, 18.9941** is the 20% darker color. If you saturate the color by 10%, you get **192.8670, -41.8394, 26.4266**, and if you desaturate by 10%, it is **204.9270, -26.0930, 15.8500**.

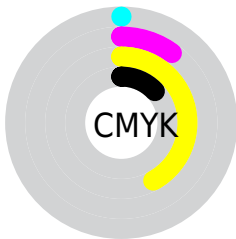
Distribution



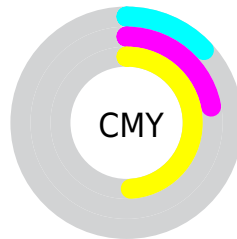
- Red (87%)
- Green (78%)
- Blue (51%)



- Red (63%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8970, -33.9662, 21.1383 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 198.8970, -33.9662, 21.1383 by changing the saturation by 10% instead.

■ 198.8970,
-33.9662, 21.1383

■ 198.8970,
-33.9662, 21.1383

255.0000, 0.0000,
0.0000

■ 171.4130,
-33.2346, 19.8088

■ 246.9060,
-31.0127, 7.0984

■ 144.3420,
-32.2136, 18.9941

■ 250.0980,
-18.7823, 4.2991

■ 118.8580,
-31.4820, 17.6645

■ 253.2900, -6.5520,
1.4997

■ 93.3740, -30.7504,
16.3350

■ 68.5480, -31.3292,
15.3054

■ 47.8880, -23.6088,
12.3762

■ 28.0860, -13.8464,

7.8176

■ 3.5330, -1.7418,
-1.3444

■ 0.0000, 0.0000,
0.0000

■ 198.8970,
-33.9662, 21.1383

■ 198.8970,
-33.9662, 21.1383

■ 192.8670,
-41.8394, 26.4266

■ 204.9270,
-26.0930, 15.8500

■ 187.3100,
-50.4388, 31.3001

■ 210.4840,
-17.4936, 10.9765

■ 181.2800,
-58.3120, 36.5884

■ 216.5140, -9.6204,
5.6882

■ 175.8370,
-66.4746, 41.3620

■ 221.9570, -1.4578,
0.9147

■ 169.8070,
-74.3479, 46.6503

■ 228.1010, 6.8522,
-4.4736

■ 165.2930,
-81.4894, 50.6090

■ 232.5180, 11.0836,
-8.3473

■ 236.0400, 9.3473,
-11.4361

■ 238.9750, 7.9003,
-14.0101

■ 242.4970, 6.1640,
-17.0989

Harmonies

Analogous

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



201.8490, -30.9846, 44.8594



198.8970, -33.9662, 21.1383



195.1320, -27.1801, -8.8858

Triad

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



198.8970, -33.9662, 21.1383



178.4090, 29.3784, -89.8127



206.9010, 13.8528, 36.9208

Complementary

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



198.8970, -33.9662, 21.1383



154.1030, 33.9662, -21.1383

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.



203.6780, 25.3017, 4.6674



198.8970, -33.9662, 21.1383



185.4850, 34.2709, -72.3393

Square

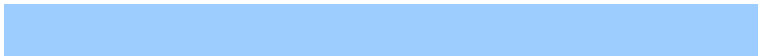
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.8970, -33.9662, 21.1383



183.0680, 9.8265, -71.9736



195.7610, 29.2048, -33.9934



201.1830, -0.5832, 47.1975

Rectangle

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



198.8970, -33.9662, 21.1383



191.9320, -17.2215, -29.7584



195.7610, 29.2048, -33.9934



206.5130, 18.9741, 27.6141

Sweetspot

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



198.8970, -33.9662, 21.1383



246.5420, -12.0992, 7.4177



160.4290, -3.6625, 54.8748



122.0840, -7.4364, 5.1883



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.



198.8970, -33.9662, 21.1383



221.7380, -46.2128, 29.1708



205.5210, -37.2319, -4.8419



108.9850, -3.9366, 2.6442



130.1080, -64.1432, 40.2473



35.4840, -17.4936, 10.9765

Inverse Universe

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



154.1030, 33.9662, -21.1383



160.6750, 46.5022, -28.6560



147.4790, 37.2319, 4.8419



104.0150, 3.9366, -2.6442



45.8920, 64.1432, -40.2473



12.5160, 17.4936, -10.9765

Previews

White Background



This preview shows how the YUV color 198.8970, -33.9662, 21.1383 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 198.8970, -33.9662, 21.1383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

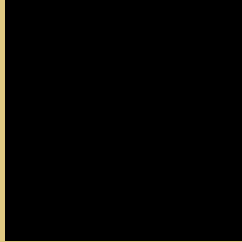
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.8970, -33.9662, 21.1383

Background



This preview shows how black text looks on a background with the YUV color 198.8970, -33.9662, 21.1383.



This preview shows how white text looks on a background with the YUV color 198.8970, -33.9662, 21.1383.

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

198.8970, -33.9662, 21.1383

Protanopia

198.4020, -33.2292, 18.0644

Deuteranopia

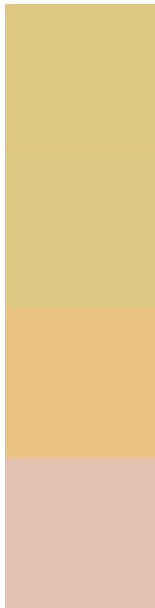
200.6970, -33.8676, 36.2227



Tritanopia

204.6700, 0.6557, 23.0914

Trichromacy



Original Color

198.8970, -33.9662, 21.1383

Protanomaly

198.7010, -33.3766, 18.6792

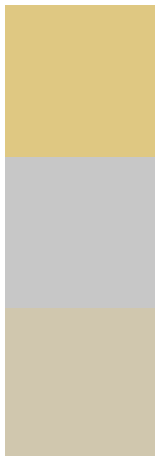
Deuteranomaly

200.2510, -34.1407, 30.4749

Tritanomaly

202.3420, -12.0006, 22.5021

Monochromacy



Original Color

198.8970, -33.9662, 21.1383

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8410, -12.2466, 8.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8970, -33.9662, 21.1383 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(223, 200, 130)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 130)  
}
```

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(223, 200, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 130) }
```

Border

The CSS property to change the border of an element to YUV 198.8970, -33.9662, 21.1383 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(223, 200, 130) }
```


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

```
.border{ border-color:rgb(223, 200, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 200, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 200, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 200, 130);  
box-shadow:4px 4px 4px 4px rgb(223, 200,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 198.8970, -33.9662, 21.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 130) }
```

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

```
.background{ background-color: rgb(223,  
200, 130) }
```

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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