

Converting Colors

YUV(198.7470, -33.3993,
-20.8261)

Have a look what the booklet for
YUV(198.7470, -33.3993, -20.8261)
contains.

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Color

**YUV(198.7470, -33.3993,
-20.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE083
RGB	175, 224, 131
RGB Percent	69%, 88%, 51%
CMY	0.3137, 0.1216, 0.4863
CMYK	0.22, 0.00, 0.42, 0.12
HSL	92°, 60%, 70%
HSV	92°, 42%, 88%
XYZ	48.4316, 64.0640, 31.2857
YIQ	198.7470, 0.6490, -39.3110

Conversions

Conversions Part 2

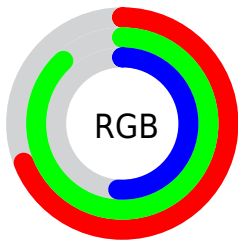
Format	Color
RYB	131, 224, 180
Decimal	11526275
CIELab	84.00, -31.67, 40.44
CIElCh	84, 51.362, 128.066
Yxy	64.0640, 0.3368, 0.4456
Android (android.graphics.Color)	4289716355 (0xFFAFE083)
YUV	198.7470, -33.3993, -20.8261
Hunter-Lab	80.0400, -32.0609, 32.8529

Details

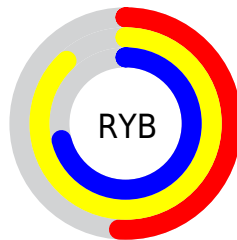
The YUV color **198.7470, -33.3993, -20.8261** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **156.2530, 33.3993, 20.8261**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1430, -27.1855, -7.1414**, and **144.5020, -31.7995, -20.6113** is the 20% darker color. If you saturate the color by 10%, you get **192.6510, -41.2399, -26.0039**, and if you desaturate by 10%, it is **204.8430, -25.5586, -15.6483**.

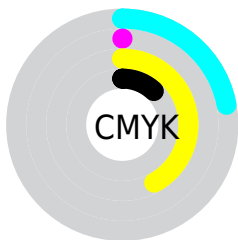
Distribution



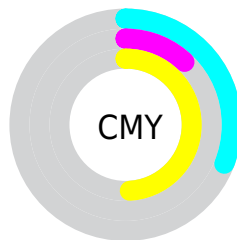
- Red (69%)
- Green (88%)
- Blue (51%)



- Red (51%)
- Yellow (88%)
- Blue (71%)



- Cyan (22%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.7470, -33.3993, -20.8261 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 198.7470, -33.3993, -20.8261 by changing the saturation by 10% instead.

■ 198.7470,
-33.3993, -20.8261

■ 198.7470,
-33.3993, -20.8261

255.0000, 0.0000,
0.0000

■ 170.9750,
-32.5257, -21.0261

■ 240.1430,
-27.1855, -7.1414

■ 144.5020,
-31.7995, -20.6113

■ 250.2120,
-18.3455, 4.1991

■ 117.7300,
-30.9259, -20.8112

■ 253.5180, -5.6784,
1.2997

■ 91.8440, -30.4891,
-20.9112

■ 65.9750, -32.5257,
-21.0261

■ 44.1130, -21.7477,
-24.6551

■ 25.8280, -12.7332,

-22.6512

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 198.7470,
-33.3993, -20.8261

■ 198.7470,
-33.3993, -20.8261

■ 192.6510,
-41.2399, -26.0039

■ 204.8430,
-25.5586, -15.6483

■ 186.4410,
-49.5174, -31.0818

■ 211.0530,
-17.2811, -10.5705

■ 180.6440,
-57.5055, -35.6448

■ 216.8500, -9.2930,
-6.0074

■ 174.4340,
-65.7830, -40.7226

■ 223.0600, -1.0156,
-0.9296

■ 168.3380,
-73.6236, -45.9004

■ 229.1560, 6.8251,
4.2482

■ 163.1820,
-80.4487, -50.1486

■ 234.1120, 10.2978,
10.4258

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



204.3840, -46.0383, 19.8342



198.7470, -33.3993, -20.8261



188.9810, -8.3716, -68.3893

Triad

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



198.7470, -33.3993, -20.8261



169.8270, 41.9903, -121.7513



198.6070, -0.2993, 49.4567

Complementary

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



198.7470, -33.3993, -20.8261



156.2530, 33.3993, 20.8261

Split Complementary

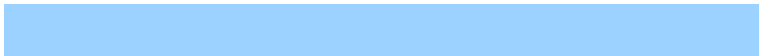
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



207.7150, 19.3675, 41.4689



198.7470, -33.3993, -20.8261



198.9840, 27.6159, -37.6970

Square

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



198.7470, -33.3993, -20.8261



165.2540, 44.2448, -144.9278



210.8430, 21.7694, 17.6777



198.0590, -22.7071, 49.9373

Rectangle

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



198.7470, -33.3993, -20.8261



174.1830, 15.1928, -113.2935



210.8430, 21.7694, 17.6777



201.1320, 6.8369, 47.2422

Sweetspot

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



198.7470, -33.3993, -20.8261



246.6820, -11.1822, -6.7371



186.9830, -27.5996, 32.4639



122.9580, -6.3883, -4.3482



0.0000, 0.0000, 0.0000



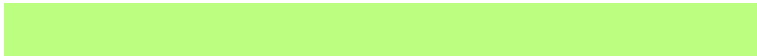
128.0000, 0.0000, 0.0000

Same Dimension

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



198.7470, -33.3993, -20.8261



220.4890, -45.5971, -28.4929



185.8190, -26.0398, -48.0763



108.9520, -3.9203, -2.5889



128.1290, -63.1676, -39.5781



35.0530, -17.2811, -10.5705

Inverse Universe

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



156.2530, 33.3993, 20.8261



162.5110, 45.5971, 28.4929



169.1810, 26.0398, 48.0763



104.0480, 3.9203, 2.5889



47.8710, 63.1676, 39.5781



13.2460, 17.1337, 11.1853

Previews

White Background



This preview shows how the YUV color 198.7470, -33.3993, -20.8261 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 198.7470, -33.3993, -20.8261 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 198.7470, -33.3993, -20.8261 Background



This preview shows how black text looks on a background with the YUV color 198.7470, -33.3993, -20.8261.



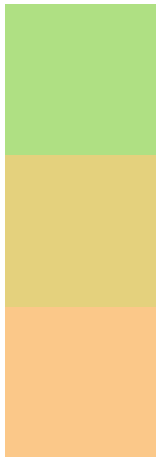
This preview shows how white text looks on a background with the YUV color 198.7470, -33.3993, -20.8261.

-20.8261.

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

198.7470, -33.3993, -20.8261

Protanopia

205.1050, -39.4918, 20.0789

Deuteranopia

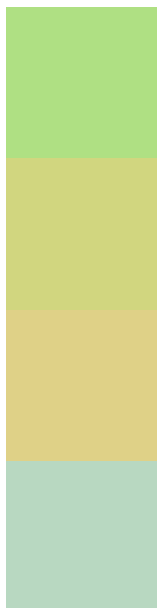
208.0670, -35.0360, 37.6522



Tritanopia

207.0610, 10.8159, -15.8395

Trichromacy



Original Color

198.7470, -33.3993, -20.8261

Protanomaly

202.5870, -37.2644, 5.6242

Deuteranomaly

204.7500, -34.3867, 16.0053

Tritanomaly

203.8100, -5.3293, -17.3734

Monochromacy



Original Color

198.7470, -33.3993, -20.8261

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.7420, -12.1978, -7.6667

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7470, -33.3993, -20.8261 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(175, 224, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 131)  
}
```

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(175, 224, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 131) }
```

Border

The CSS property to change the border of an element to YUV 198.7470, -33.3993, -20.8261 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(175, 224, 131) }
```


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

```
.border{ border-color:rgb(175, 224, 131) }
```

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

Here you see how a box with a 4 pixel rgb(175, 224, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 224, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 224, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 224,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 198.7470, -33.3993, -20.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 131) }
```

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

```
.background{ background-color: rgb(175,  
224, 131) }
```

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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