

Converting Colors

YUV(196.4800, -15.0266,
-33.7470)

Have a look what the booklet for
YUV(196.4800, -15.0266, -33.7470)
contains.

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Color

**YUV(196.4800, -15.0266,
-33.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDEA6
RGB	158, 222, 166
RGB Percent	62%, 87%, 65%
CMY	0.3804, 0.1294, 0.3490
CMYK	0.29, 0.00, 0.25, 0.13
HSL	128°, 49%, 75%
HSV	128°, 29%, 87%
XYZ	47.1048, 62.2648, 45.6120
YIQ	196.4800, -20.1680, -30.9840

Conversions

Conversions Part 2

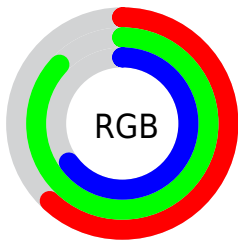
Format	Color
RYB	158, 215, 222
Decimal	10411686
CIELab	83.05, -31.28, 21.14
CIELCh	83, 37.748, 145.950
Yxy	62.2648, 0.3039, 0.4018
Android (android.graphics.Color)	4288601766 (0xFF9EDEA6)
YUV	196.4800, -15.0266, -33.7470
Hunter-Lab	78.9081, -31.5322, 20.9636

Details

The YUV color **196.4800, -15.0266, -33.7470** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183.5200, 15.0266, 33.7470**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8650, -8.8074, -21.8066**, and **142.4200, -14.0111, -32.8173** is the 20% darker color. If you saturate the color by 10%, you get **187.7360, -20.0828, -45.3725**, and if you desaturate by 10%, it is **205.2240, -9.9704, -22.1214**.

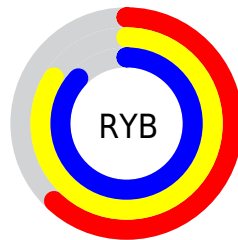
Distribution



Red (62%)

Green (87%)

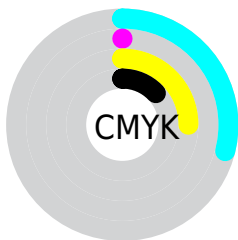
Blue (65%)



Red (62%)

Yellow (84%)

Blue (87%)

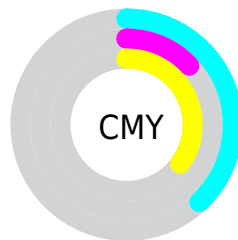


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (13%)



Cyan (38%)

Magenta (13%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4800, -15.0266, -33.7470 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 196.4800, -15.0266, -33.7470 by changing the saturation by 10% instead.

■ 196.4800,
-15.0266, -33.7470

■ 196.4800,
-15.0266, -33.7470

255.0000, 0.0000,
0.0000

■ 168.8930,
-14.7372, -33.2322

■ 238.8650, -8.8074,
-21.8066

■ 142.4200,
-14.0111, -32.8173

■ 250.8420, -0.4151,
-6.8774

■ 115.9470,
-13.2849, -32.4025

■ 90.1750, -12.4113,
-32.6025

■ 64.9190, -10.8061,
-34.1320

■ 40.5490, -9.6377,
-35.5615

■ 24.6540, -12.1544,

-21.6216

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 196.4800,
-15.0266, -33.7470

■ 196.4800,
-15.0266, -33.7470

■ 187.7360,
-20.0828, -45.3725

■ 205.2240, -9.9704,
-22.1214

■ 178.8780,
-25.5759, -56.8980

■ 214.0820, -4.4774,
-10.5959

■ 169.8350,
-30.4847, -69.1383

■ 223.1250, 0.4314,
1.6444

■ 160.9770,
-35.9777, -80.6638

■ 231.9830, 5.9244,
13.1699

■ 152.2330,
-41.0339, -92.2893

■ 235.6290, 9.5499,
16.9884

■ 143.3750,
-46.5269, -103.8149

■ 134.6310,
-51.5831, -115.4404

■ 133.5060,
-52.0145, -117.0848

Harmonies

Analogous

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



201.3070, -29.2384, -2.0232



196.4800, -15.0266, -33.7470



190.2600, 5.2948, -65.1260

Triad

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



196.4800, -15.0266, -33.7470



198.6630, 27.7741, -41.8005



203.3710, -12.5079, 45.2786

Complementary

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



196.4800, -15.0266, -33.7470



183.5200, 15.0266, 33.7470

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.



206.1870, 3.3588, 42.8090



196.4800, -15.0266, -33.7470



207.1780, 23.5762, -1.9101

Square

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



196.4800, -15.0266, -33.7470



188.9960, 32.5400, -77.1725



211.7800, 17.3635, 30.8879



205.3480, -27.7796, 43.5448

Rectangle

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



196.4800, -15.0266, -33.7470



186.1190, 19.1683, -81.6654



211.7800, 17.3635, 30.8879



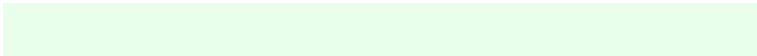
203.4510, -7.1243, 45.2085

Sweetspot

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



196.4800, -15.0266, -33.7470



245.8430, -5.3456, -12.1403



212.6110, -26.9232, 2.0952



122.0330, -3.4673, -7.9219



0.0000, 0.0000, 0.0000



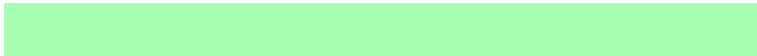
128.0000, 0.0000, 0.0000

Same Dimension

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



196.4800, -15.0266, -33.7470



219.4970, -20.9510, -46.9169



200.0140, -1.4859, -36.8463



107.5710, -2.7465, -5.7628



105.8200, -41.3233, -92.8041



28.8600, -11.2700, -25.3102

Inverse Universe

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



183.5200, 15.0266, 33.7470



201.5030, 20.9510, 46.9169



179.9860, 1.4859, 36.8463



105.4290, 2.7465, 5.7628



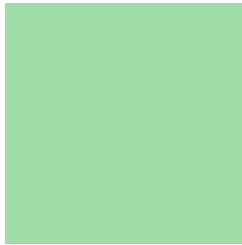
70.1800, 41.3233, 92.8041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 196.4800, -15.0266, -33.7470 looks on a white background.

Color Contrast Check

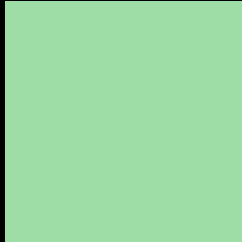
Large Text (above 18pt) WCAG AA × Fail

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 196.4800, -15.0266, -33.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

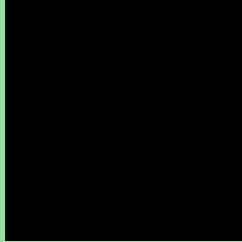
Any Text WCAG AA ✓ Pass

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 196.4800, -15.0266, -33.7470 Background



This preview shows how black text looks on a background with the YUV color 196.4800, -15.0266, -33.7470.



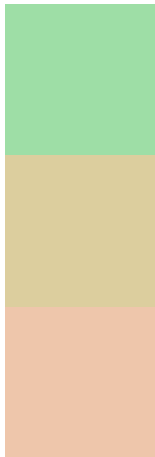
This preview shows how white text looks on a background with the YUV color 196.4800, -15.0266, -33.7470.

-33.7470.

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

196.4800, -15.0266, -33.7470

Protanopia

204.7140, -23.0300, 13.4058

Deuteranopia

206.8820, -17.6898, 27.2905



Tritanopia

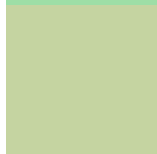
202.1950, 14.2009, -28.2350

Trichromacy



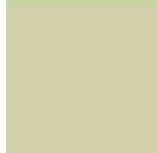
Original Color

196.4800, -15.0266, -33.7470



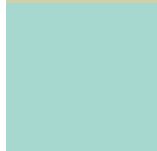
Protanomaly

201.7010, -20.0656, -4.1228



Deuteranomaly

203.2660, -16.8931, 5.0287



Tritanomaly

200.0240, 3.4392, -29.8390

Monochromacy



Original Color

196.4800, -15.0266, -33.7470



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.8430, -5.3456, -12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4800, -15.0266, -33.7470 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(158, 222, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 222, 166) }
```

Border

The CSS property to change the border of an element to YUV 196.4800, -15.0266, -33.7470 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, 166) }
```


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

```
.border{ border-color:rgb(158, 222, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 222, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 222, 166);  
box-shadow:4px 4px 4px 4px rgb(158, 222,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 196.4800, -15.0266, -33.7470 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, 166) }
```

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

```
.background{ background-color: rgb(158,  
222, 166) }
```

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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