

Converting Colors

YUV(197.1500, -21.2730,
-36.9656)

Have a look what the booklet for
YUV(197.1500, -21.2730, -36.9656)
contains.

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Color

**YUV(197.1500, -21.2730,
-36.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE39A
RGB	155, 227, 154
RGB Percent	61%, 89%, 60%
CMY	0.3922, 0.1098, 0.3961
CMYK	0.32, 0.00, 0.32, 0.11
HSL	119°, 57%, 75%
HSV	119°, 32%, 89%
XYZ	46.8194, 64.2398, 40.5037
YIQ	197.1500, -19.4790, -37.9670

Conversions

Conversions Part 2

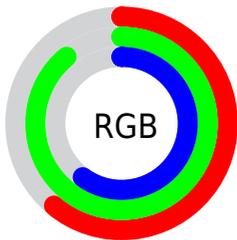
Format	Color
RYB	154, 227, 226
Decimal	10216346
CIELab	84.09, -36.54, 28.73
CIELCh	84, 46.486, 141.825
Yxy	64.2398, 0.3089, 0.4238
Android (android.graphics.Color)	4288406426 (0xFF9BE39A)
YUV	197.1500, -21.2730, -36.9656
Hunter-Lab	80.1498, -35.9915, 26.1426

Details

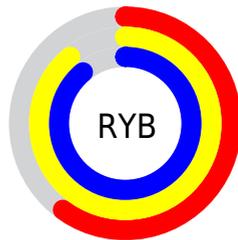
The YUV color **197.1500, -21.2730, -36.9656** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183.8500, 21.2730, 36.9656**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6000, -13.6068, -22.4512**, and **142.2040, -19.8206, -36.1359** is the 20% darker color. If you saturate the color by 10%, you get **187.9500, -28.0763, -48.1911**, and if you desaturate by 10%, it is **206.3500, -14.4695, -25.7399**.

Distribution



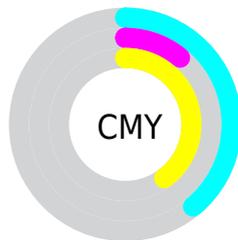
- Red (61%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.1500, -21.2730, -36.9656 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 197.1500, -21.2730, -36.9656 by changing the saturation by 10% instead.

■ 197.1500,
-21.2730, -36.9656

■ 197.1500,
-21.2730, -36.9656

255.0000, 0.0000,
0.0000

■ 169.6770,
-20.5468, -36.5507

■ 236.6000,
-13.6068, -22.4512

■ 142.2040,
-19.8206, -36.1359

■ 248.4630, -5.6513,
-7.4221

■ 115.5460,
-18.5102, -36.4358

■ 89.7740, -17.6366,
-36.6358

■ 63.2080, -15.8785,
-40.5244

■ 41.3010, -16.9104,
-36.2210

■ 27.0020, -13.3120,

-23.6808

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 197.1500,
-21.2730, -36.9656

■ 197.1500,
-21.2730, -36.9656

■ 187.9500,
-28.0763, -48.1911

■ 206.3500,
-14.4695, -25.7399

■ 178.5650,
-34.2955, -60.1315

■ 215.7350, -8.2504,
-13.7996

■ 169.3650,
-41.0989, -71.3571

■ 224.9350, -1.4470,
-2.5740

■ 159.8660,
-47.7549, -83.1975

■ 234.4340, 5.2090,
9.2664

■ 150.7800,
-54.1215, -94.5231

■ 238.5640, 8.1029,
14.4144

■ 141.5800,
-60.9249, -105.7487

■ 134.1460,
-66.1340, -115.0150

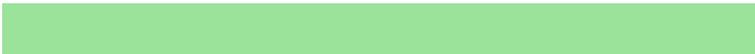
Harmonies

Analogous

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



203.4510, -37.6903, 2.2355



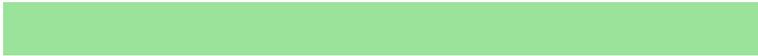
197.1500, -21.2730, -36.9656



186.6340, 4.6174, -81.2400

Triad

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



197.1500, -21.2730, -36.9656



193.2150, 30.4600, -63.3326



200.5500, -10.6242, 47.7526

Complementary

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



197.1500, -21.2730, -36.9656



183.8500, 21.2730, 36.9656

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.



205.0930, 9.3212, 43.7684



197.1500, -21.2730, -36.9656



207.1340, 23.5979, -8.8875

Square

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



197.1500, -21.2730, -36.9656



163.8030, 44.9601, -141.0242



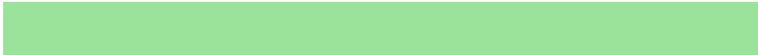
214.4860, 19.9734, 33.7768



202.7890, -29.9690, 45.7890

Rectangle

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



197.1500, -21.2730, -36.9656



173.8970, 25.6868, -119.1817



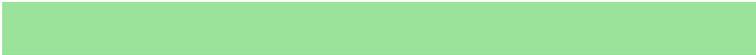
214.4860, 19.9734, 33.7768



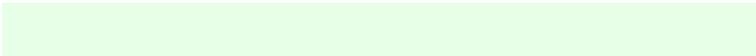
201.0860, -3.4934, 47.2826

Sweetspot

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



197.1500, -21.2730, -36.9656



244.6750, -7.2348, -12.8700



218.0910, -31.5969, 7.8132



121.3920, -4.6303, -8.2368



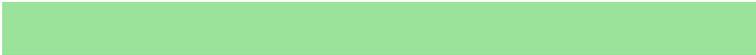
0.0000, 0.0000, 0.0000



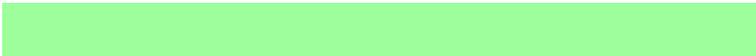
128.0000, 0.0000, 0.0000

Same Dimension

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



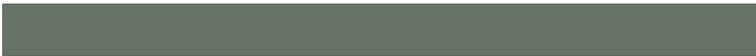
197.1500, -21.2730, -36.9656



214.4120, -28.7971, -50.3503



200.8410, -5.8376, -41.0796



110.0440, -3.4727, -6.1776



105.6710, -52.0958, -90.9195



30.2360, -14.9063, -25.6400

Inverse Universe

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



183.8500, 21.2730, 36.9656



196.5880, 28.7971, 50.3503



180.1590, 5.8376, 41.0796



107.9560, 3.4727, 6.1776



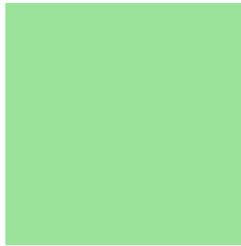
73.0300, 52.2432, 90.3047



20.7640, 14.9063, 25.6400

Previews

White Background



This preview shows how the YUV color 197.1500, -21.2730, -36.9656 looks on a white background.

Color Contrast Check

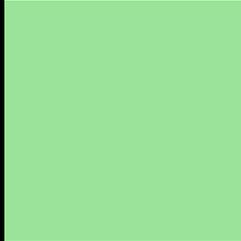
Large Text (above 18pt) WCAG AA × Fail

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 197.1500, -21.2730, -36.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

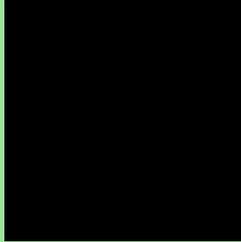
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

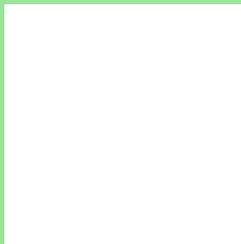
Any Text WCAG AAA ✓ Pass

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

YUV 197.1500, -21.2730, -36.9656 Background



This preview shows how black text looks on a background with the YUV color 197.1500, -21.2730, -36.9656.



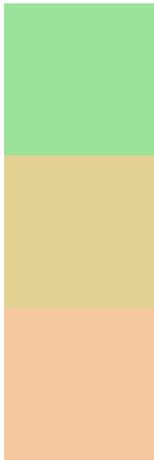
This preview shows how white text looks on a background with the YUV color 197.1500, -21.2730, -36.9656.

-36.9656.

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

197.1500, -21.2730, -36.9656

Protanopia

206.6020, -29.8768, 16.1350

Deuteranopia

208.8950, -24.1052, 31.6641



Tritanopia

204.8850, 14.3537, -30.5941

Trichromacy



Original Color

197.1500, -21.2730, -36.9656



Protanomaly

203.5780, -26.9070, -3.1379



Deuteranomaly

204.6700, -23.0083, 6.4284



Tritanomaly

202.4320, 1.2660, -32.8279

Monochromacy



Original Color

197.1500, -21.2730, -36.9656



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.1480, -7.9610, -13.2848

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.1500, -21.2730, -36.9656 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(155, 227, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 227, 154)  
}
```

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(155, 227, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 227, 154) }
```

Border

The CSS property to change the border of an element to YUV 197.1500, -21.2730, -36.9656 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(155, 227, 154) }
```

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

```
.border{ border-color:rgb(155, 227, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 227, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 227, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 227, 154); box-shadow:4px 4px 4px 4px rgb(155, 227, 154) }
```

Background

The CSS property to change the background color of an element to YUV 197.1500, -21.2730, -36.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 227, 154) }
```

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

```
.background{ background-color: rgb(155,  
227, 154) }
```

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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