

Converting Colors

YUV(196.9500, -28.0763,
-48.1911)

Have a look what the booklet for
YUV(196.9500, -28.0763, -48.1911)
contains.

YUV(196.9500, -28.0763, -48.1911)	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(196.9500, -28.0763,
-48.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	8EEC8C
RGB	142, 236, 140
RGB Percent	56%, 93%, 55%
CMY	0.4431, 0.0745, 0.4510
CMYK	0.40, 0.00, 0.41, 0.07
HSL	119°, 72%, 74%
HSV	119°, 41%, 93%
XYZ	45.8844, 67.6351, 35.4475
YIQ	196.9500, -25.2080, -49.7840

Conversions

Conversions Part 2

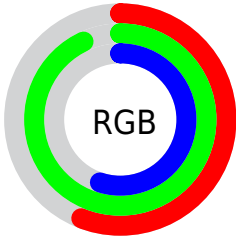
Format	Color
RYB	140, 236, 234
Decimal	9366668
CIELab	85.82, -46.66, 37.97
CIELCh	86, 60.160, 140.861
Yxy	67.6351, 0.3080, 0.4540
Android (android.graphics.Color)	4287556748 (0xFF8EEC8C)
YUV	196.9500, -28.0763, -48.1911
Hunter-Lab	82.2406, -44.3307, 32.0131

Details

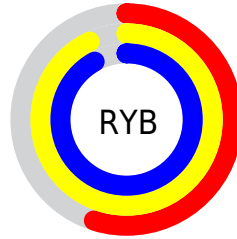
The YUV color **196.9500, -28.0763, -48.1911** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **179.0500, 28.0764, 48.1912**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4160, -17.9531, -28.4288**, and **140.8190, -26.0398, -48.0763** is the 20% darker color. If you saturate the color by 10%, you get **187.3370, -35.1691, -59.9315**, and if you desaturate by 10%, it is **206.5630, -20.9836, -36.4508**.

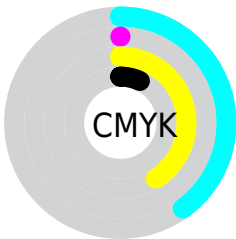
Distribution



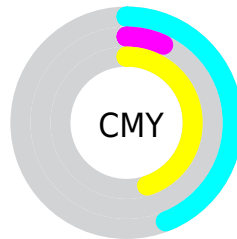
- Red (56%)
- Green (93%)
- Blue (55%)



- Red (55%)
- Yellow (93%)
- Blue (92%)



- Cyan (40%)
- Magenta (0%)
- Yellow (41%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9500, -28.0763, -48.1911 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 196.9500, -28.0763, -48.1911 by changing the saturation by 10% instead.

■ 196.9500,
-28.0763, -48.1911

■ 196.9500,
-28.0763, -48.1911

■ 255.0000, 0.0000,
0.0000

■ 168.5910,
-26.9134, -47.8763

■ 231.4160,
-17.9531, -28.4288

■ 140.8190,
-26.0398, -48.0763

■ 243.2790, -9.9975,
-13.3997

■ 113.1500,
-24.7239, -50.1205

■ 254.6580, -1.3104,
0.2999

■ 84.3880, -22.3763,
-56.4683

■ 60.0680, -23.6975,
-52.6796

■ 44.0250, -21.7043,
-38.6099

■ 29.9370, -14.7589,

-26.2547

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 196.9500,
-28.0763, -48.1911

■ 196.9500,
-28.0763, -48.1911

■ 187.3370,
-35.1691, -59.9315

■ 206.5630,
-20.9836, -36.4508

■ 177.8380,
-41.8251, -71.7719

■ 216.0620,
-14.3276, -24.6104

■ 168.2250,
-48.9179, -83.5123

■ 225.6750, -7.2348,
-12.8700

■ 158.7260,
-55.5739, -95.3527

■ 235.1740, -0.5788,
-1.0296

■ 148.8140,
-62.5193, -107.7079

■ 243.8470, 5.4984,
9.7812

■ 140.0270,
-69.0333, -118.4187

Harmonies

Analogous

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



205.8350, -50.2047, 2.7757



196.9500, -28.0763, -48.1911



164.2840, 15.1430, -144.0771

Triad

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



196.9500, -28.0763, -48.1911



176.3830, 38.7582, -111.7149



195.6260, -9.1826, 52.0710

Complementary

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



196.9500, -28.0763, -48.1911



179.0500, 28.0764, 48.1912

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.



201.6510, 16.4411, 46.7871



196.9500, -28.0763, -48.1911



207.1010, 23.6142, -14.1206

Square

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



196.9500, -28.0763, -48.1911



168.7760, 42.5084, -148.0166



213.3230, 20.5468, 36.5507



198.8450, -34.9266, 49.2479

Rectangle

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



196.9500, -28.0763, -48.1911



169.9040, 31.5993, -149.0058



213.3230, 20.5468, 36.5507



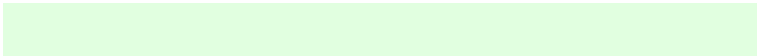
196.6180, -0.3047, 51.2010

Sweetspot

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



196.9500, -28.0763, -48.1911



242.4960, -9.1185, -15.3440



223.2950, -41.0644, 11.1423



120.5660, -5.2090, -9.2664



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.



196.9500, -28.0763, -48.1911



204.2720, -36.6161, -62.5055



201.4820, -8.1256, -53.9197



112.4570, -3.1833, -5.6628



107.4430, -52.9694, -90.7195



31.9970, -15.7745, -27.1844

Inverse Universe

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



179.0500, 28.0764, 48.1912



180.7280, 36.6161, 62.5055



174.5180, 8.1256, 53.9197



110.5430, 3.1833, 5.6628



73.5570, 52.9694, 90.7195



21.7040, 15.9219, 26.5696

Previews

White Background



This preview shows how the YUV color 196.9500, -28.0763, -48.1911 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 196.9500, -28.0763, -48.1911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

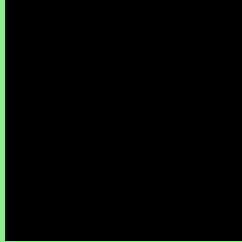
Any Text WCAG AA ✓ Pass

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 196.9500, -28.0763, -48.1911 Background



This preview shows how black text looks on a background with the YUV color 196.9500, -28.0763, -48.1911.



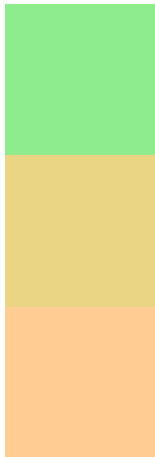
This preview shows how white text looks on a background with the YUV color 196.9500, -28.0763, -48.1911.

-48.1911.

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

196.9500, -28.0763, -48.1911

Protanopia

209.6320, -38.7656, 20.4937

Deuteranopia

212.7510, -32.4152, 37.0524



Tritanopia

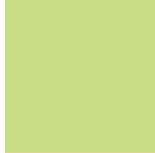
207.5140, 17.0016, -39.9158

Trichromacy



Original Color

196.9500, -28.0763, -48.1911



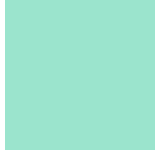
Protanomaly

204.8030, -34.9059, -4.2122



Deuteranomaly

207.1940, -31.1546, 5.9689



Tritanomaly

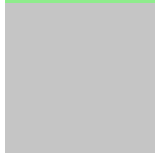
203.5510, 0.7144, -42.5792

Monochromacy



Original Color

196.9500, -28.0763, -48.1911



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.8440, -10.2761, -17.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9500, -28.0763, -48.1911 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(142, 236, 140)` looks like.

```
.text, #text, p{  
    color:rgb(142, 236, 140)  
}
```

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(142, 236, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 236, 140) }
```

Border

The CSS property to change the border of an element to YUV 196.9500, -28.0763, -48.1911 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(142, 236, 140) }
```


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

```
.border{ border-color:rgb(142, 236, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 236, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 236, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 236, 140);  
box-shadow:4px 4px 4px 4px rgb(142, 236,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 196.9500, -28.0763, -48.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 236, 140) }
```

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

```
.background{ background-color: rgb(142,  
236, 140) }
```

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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