

Converting Colors

YUV(189.5700, -21.4800,
-17.1629)

Have a look what the booklet for
YUV(189.5700, -21.4800, -17.1629)
contains.

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Color

**YUV(189.5700, -21.4800,
-17.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD092
RGB	170, 208, 146
RGB Percent	67%, 82%, 57%
CMY	0.3333, 0.1843, 0.4275
CMYK	0.18, 0.00, 0.30, 0.18
HSL	97°, 40%, 69%
HSV	97°, 30%, 82%
XYZ	44.3217, 55.7331, 35.6157
YIQ	189.5700, -2.7460, -27.3380

Conversions

Conversions Part 2

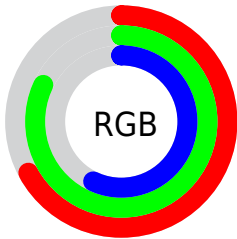
Format	Color
RYB	146, 208, 184
Decimal	11194514
CIELab	79.46, -23.74, 26.79
CIELCh	79, 35.794, 131.553
Yxy	55.7331, 0.3267, 0.4108
Android (android.graphics.Color)	4289384594 (0xFFAAD092)
YUV	189.5700, -21.4800, -17.1629
Hunter-Lab	74.6546, -24.6718, 23.9726

Details

The YUV color **189.5700, -21.4800, -17.1629** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **164.4300, 21.4800, 17.1629**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0590, -19.7491, -12.3297**, and **135.6240, -20.0276, -16.3332** is the 20% darker color. If you saturate the color by 10%, you get **183.2890, -28.7365, -23.0555**, and if you desaturate by 10%, it is **195.8510, -14.2235, -11.2703**.

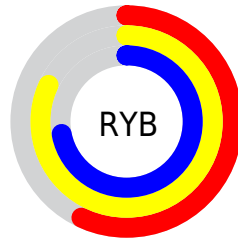
Distribution



Red (67%)

Green (82%)

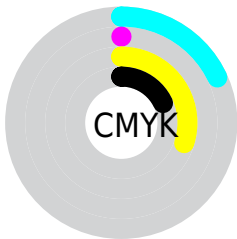
Blue (57%)



Red (57%)

Yellow (82%)

Blue (72%)

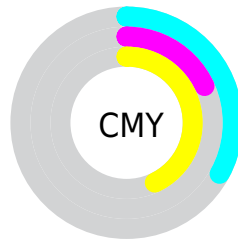


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (33%)

Magenta (18%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5700, -21.4800, -17.1629 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 189.5700, -21.4800, -17.1629 by changing the saturation by 10% instead.

■ 189.5700,
-21.4800, -17.1629

■ 189.5700,
-21.4800, -17.1629

255.0000, 0.0000,
0.0000

■ 162.0970,
-20.7538, -16.7481

■ 240.0590,
-19.7491, -12.3297

■ 135.6240,
-20.0276, -16.3332

■ 252.0360,
-11.3567, 2.5994

■ 109.8520,
-19.1540, -16.5332

■ 85.2650, -18.8646,
-16.0184

■ 61.4930, -17.9910,
-16.2184

■ 38.2650, -18.8646,
-16.0184

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 189.5700,
-21.4800, -17.1629

■ 189.5700,
-21.4800, -17.1629

■ 183.2890,
-28.7365, -23.0555

■ 195.8510,
-14.2235, -11.2703

■ 177.3070,
-36.1404, -28.3332

■ 201.8330, -6.8197,
-5.9925

■ 171.1400,
-42.9600, -34.3258

■ 208.0000, 0.0000,
0.0000

■ 164.8590,
-50.2165, -40.2183

■ 214.2810, 7.2565,
5.8926

■ 158.5780,
-57.4730, -46.1109

■ 220.5620, 14.5129,
11.7851

■ 152.5960,
-64.8768, -51.3887

■ 224.7200, 14.9280,
18.6626

■ 146.3150,
-72.1333, -57.2813

■ 227.4110, 13.6014,
24.1956

Harmonies

Analogous

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



193.6400, -30.8815, 11.7167



189.5700, -21.4800, -17.1629



184.4380, -4.6529, -47.7421

Triad

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



189.5700, -21.4800, -17.1629



186.1710, 33.9327, -57.1550



198.2990, -6.5564, 49.7268

Complementary

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



189.5700, -21.4800, -17.1629



164.4300, 21.4800, 17.1629

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.



201.5550, 8.6004, 41.6093



189.5700, -21.4800, -17.1629



195.5500, 29.3089, -20.6533

Square

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



189.5700, -21.4800, -17.1629



178.1050, 30.5142, -80.7761



201.3480, 22.5064, 14.6038



197.7000, -21.5441, 50.2521

Rectangle

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



189.5700, -21.4800, -17.1629



180.1720, 8.7892, -65.9258



201.3480, 22.5064, 14.6038



199.5530, -1.7516, 48.6270

Sweetspot

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



189.5700, -21.4800, -17.1629



248.1920, -7.9827, -6.3074



186.2570, -19.8467, 19.0686



123.5990, -5.2253, -4.0333



0.0000, 0.0000, 0.0000



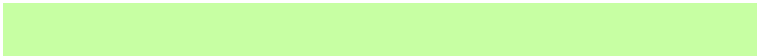
128.0000, 0.0000, 0.0000

Same Dimension

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



189.5700, -21.4800, -17.1629



227.7680, -31.9306, -25.2295



183.0780, -15.3215, -32.5174



101.6530, -3.7729, -3.2037



118.0510, -58.1991, -46.5257



28.8510, -14.2235, -11.2703

Inverse Universe

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



164.4300, 21.4800, 17.1629



190.2320, 31.9306, 25.2295



170.9220, 15.3215, 32.5174



97.3470, 3.7729, 3.2037



49.9490, 58.1991, 46.5257



12.1490, 14.2235, 11.2703

Previews

White Background



This preview shows how the YUV color 189.5700, -21.4800, -17.1629 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 189.5700, -21.4800, -17.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

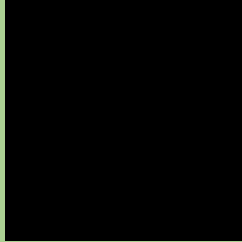
Any Text WCAG AA ✓ Pass

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 189.5700, -21.4800, -17.1629 Background



This preview shows how black text looks on a background with the YUV color 189.5700, -21.4800, -17.1629.



This preview shows how white text looks on a background with the YUV color 189.5700, -21.4800, -17.1629.

-17.1629.

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

189.5700, -21.4800, -17.1629

Protanopia

194.2150, -26.2350, 14.7204

Deuteranopia

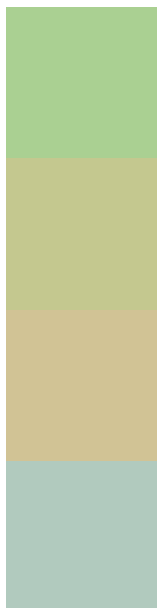
196.5250, -22.9368, 30.2346



Tritanopia

195.4420, 9.6421, -12.6656

Trichromacy



Original Color

189.5700, -21.4800, -17.1629

Protanomaly

192.3060, -24.3079, 3.2396

Deuteranomaly

193.9420, -22.1564, 13.2059

Tritanomaly

193.1570, -1.5564, -14.1697

Monochromacy



Original Color

189.5700, -21.4800, -17.1629

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5700, -21.4800, -17.1629 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(170, 208, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 208, 146)  
}
```

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(170, 208, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 208, 146) }
```

Border

The CSS property to change the border of an element to YUV 189.5700, -21.4800, -17.1629 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(170, 208, 146) }
```


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

```
.border{ border-color:rgb(170, 208, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 208, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 208, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 208, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 208,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 189.5700, -21.4800, -17.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 208, 146) }
```

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

```
.background{ background-color: rgb(170,  
208, 146) }
```

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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