

Converting Colors

YUV(180.7170, -21.0595,
-12.0298)

Have a look what the booklet for
YUV(180.7170, -21.0595, -12.0298)
contains.

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Color

**YUV(180.7170, -21.0595,
-12.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C48A
RGB	167, 196, 138
RGB Percent	65%, 77%, 54%
CMY	0.3451, 0.2314, 0.4588
CMYK	0.15, 0.00, 0.30, 0.23
HSL	90°, 33%, 65%
HSV	90°, 30%, 77%
XYZ	40.2637, 49.5303, 31.4829
YIQ	180.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

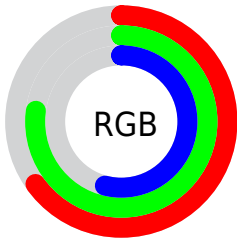
Format	Color
RYB	138, 196, 167
Decimal	10994826
CIELab	75.78, -20.09, 25.99
CIELCh	76, 32.848, 127.701
Yxy	49.5303, 0.3320, 0.4084
Android (android.graphics.Color)	4289184906 (0xFFA7C48A)
YUV	180.7170, -21.0595, -12.0298
Hunter-Lab	70.3778, -21.0398, 22.7415

Details

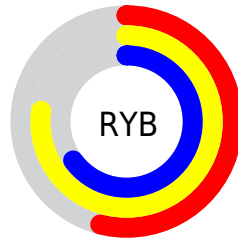
The YUV color **180.7170, -21.0595, -12.0298** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.2830, 21.0595, 12.0298**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0760, -22.2225, -12.3447**, and **127.3580, -19.8965, -11.7150** is the 20% darker color. If you saturate the color by 10%, you get **175.4470, -28.3214, -16.1780**, and if you desaturate by 10%, it is **185.9870, -13.7976, -7.8816**.

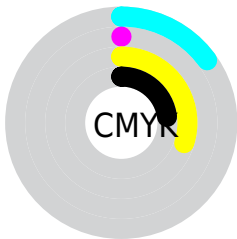
Distribution



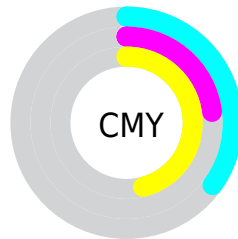
- Red (65%)
- Green (77%)
- Blue (54%)



- Red (54%)
- Yellow (77%)
- Blue (65%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)



- Cyan (35%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7170, -21.0595, -12.0298 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 180.7170, -21.0595, -12.0298 by changing the saturation by 10% instead.

■ 180.7170,
-21.0595, -12.0298

■ 180.7170,
-21.0595, -12.0298

255.0000, 0.0000,
0.0000

■ 153.8310,
-20.6227, -12.1298

■ 237.0760,
-22.2225, -12.3447

■ 127.3580,
-19.8965, -11.7150

■ 249.8140,
-14.6983, 1.0401

■ 102.5860,
-19.0229, -11.9149

■ 254.2020, -3.0576,
0.6998

■ 78.1130, -18.2967,
-11.5001

■ 54.2270, -17.8599,
-11.6001

■ 33.2810, -16.4075,
-10.7704

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 180.7170,
-21.0595, -12.0298

■ 180.7170,
-21.0595, -12.0298

■ 175.4470,
-28.3214, -16.1780

■ 185.9870,
-13.7976, -7.8816

■ 170.2910,
-35.1465, -20.4262

■ 191.1430, -6.9725,
-3.6334

■ 165.3200,
-42.5558, -23.9596

■ 196.1140, 0.4368,
-0.1000

■ 160.1640,
-49.3809, -28.2078

■ 201.2700, 7.2619,
4.1482

■ 154.8940,
-56.6427, -32.3560

■ 206.5400, 14.5238,
8.2964

■ 149.6240,
-63.9046, -36.5042

■ 211.6960, 21.3489,
12.5446

■ 144.4680,
-70.7297, -40.7524

■ 214.6860, 19.8748,
18.6924

■ 144.3540,
-71.1665, -40.6525

■ 217.3770, 18.5481,
24.2254

■ 220.3670, 17.0741,
30.3731

Harmonies

Analogous

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



183.9330, -28.5610, 14.0908



180.7170, -21.0595, -12.0298



176.3250, -6.5692, -39.7500

Triad

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



180.7170, -21.0595, -12.0298



176.7260, 32.1801, -55.0107



190.3420, -5.0986, 48.8121

Complementary

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



180.7170, -21.0595, -12.0298



153.2830, 21.0595, 12.0298

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.



191.3370, 9.2009, 35.6615



180.7170, -21.0595, -12.0298



185.3540, 29.8985, -23.1125

Square

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



180.7170, -21.0595, -12.0298



170.3080, 25.9772, -72.1841



190.2010, 22.0859, 9.4707



188.7860, -18.6285, 48.4227

Rectangle

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



180.7170, -21.0595, -12.0298



172.6140, 5.1203, -55.7895



190.2010, 22.0859, 9.4707



190.8840, -0.4358, 46.5827

Sweetspot

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



180.7170, -21.0595, -12.0298



249.0890, -8.4249, -4.4631



172.3650, -16.9419, 20.7279



123.8980, -5.3727, -3.4185



0.0000, 0.0000, 0.0000



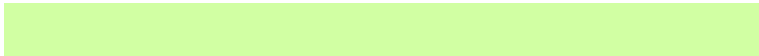
128.0000, 0.0000, 0.0000

Same Dimension

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



180.7170, -21.0595, -12.0298



230.7580, -33.4047, -19.0818



172.0460, -16.7847, -29.8583



94.3650, -3.6309, -2.0741



118.4270, -58.3845, -33.7005



24.4540, -12.0558, -6.5372

Inverse Universe

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



153.2830, 21.0595, 12.0298



187.2420, 33.4047, 19.0818



161.9540, 16.7847, 29.8583



89.6350, 3.6309, 2.0741



42.2740, 58.5319, 33.0857



8.8450, 11.9084, 7.1519

Previews

White Background



This preview shows how the YUV color 180.7170, -21.0595, -12.0298 looks on a white background.

Color Contrast Check

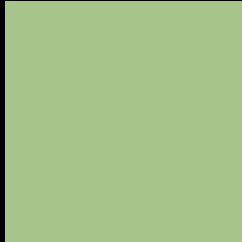
Large Text (above 18pt) WCAG AA × Fail

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 180.7170, -21.0595, -12.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

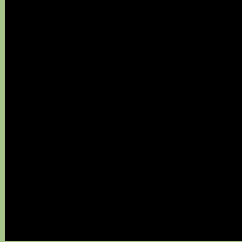
Any Text WCAG AA ✓ Pass

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 180.7170, -21.0595, -12.0298 Background



This preview shows how black text looks on a background with the YUV color 180.7170, -21.0595, -12.0298.



This preview shows how white text looks on a background with the YUV color 180.7170, -21.0595, -12.0298.

-12.0298.

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

180.7170, -21.0595, -12.0298

Protanopia

184.5570, -24.9246, 14.4205

Deuteranopia

186.7420, -22.0578, 28.2903



Tritanopia

186.4210, 8.1734, -8.2622

Trichromacy



Original Color

180.7170, -21.0595, -12.0298

Protanomaly

183.4310, -23.8765, 4.8840

Deuteranomaly

184.4690, -21.4302, 13.6207

Tritanomaly

184.2500, -2.5882, -9.8663

Monochromacy



Original Color

180.7170, -21.0595, -12.0298

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.6160, -7.6987, -4.0482

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7170, -21.0595, -12.0298 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(167, 196, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 196, 138)  
}
```

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(167, 196, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 196, 138) }
```

Border

The CSS property to change the border of an element to YUV 180.7170, -21.0595, -12.0298 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(167, 196, 138) }
```


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

```
.border{ border-color:rgb(167, 196, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 196, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 196, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 196, 138);  
box-shadow:4px 4px 4px 4px rgb(167, 196,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 180.7170, -21.0595, -12.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 196, 138) }
```

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

```
.background{ background-color: rgb(167,  
196, 138) }
```

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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