

Converting Colors

YUV(149.2710, -31.1926,
18.1793)

Have a look what the booklet for
YUV(149.2710, -31.1926, 18.1793)
contains.

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Color

**YUV(149.2710, -31.1926,
18.1793)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9756
RGB	170, 151, 86
RGB Percent	67%, 59%, 34%
CMY	0.3333, 0.4078, 0.6627
CMYK	0.00, 0.11, 0.49, 0.33
HSL	46°, 33%, 50%
HSV	46°, 49%, 67%
XYZ	29.3239, 31.3512, 13.3099
YIQ	149.2710, 32.1890, -16.1870

Conversions

Conversions Part 2

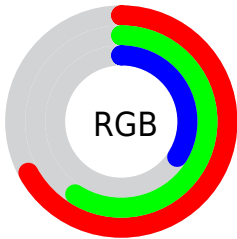
Format	Color
RYB	111, 170, 86
Decimal	11179862
CIELab	62.80, -1.81, 36.61
CIELCh	63, 36.653, 92.834
Yxy	31.3512, 0.3963, 0.4238
Android (android.graphics.Color)	4289369942 (0xFFAA9756)
YUV	149.2710, -31.1926, 18.1793
Hunter-Lab	55.9921, -4.5031, 25.1006

Details

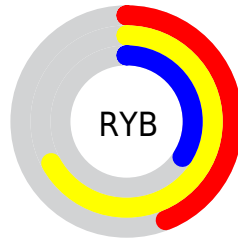
The YUV color **149.2710, -31.1926, 18.1793** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106.7290, 31.1926, -18.1793**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8260, -32.9452, 20.3236**, and **97.7160, -29.4400, 16.0351** is the 20% darker color. If you saturate the color by 10%, you get **144.9850, -37.4606, 21.9382**, and if you desaturate by 10%, it is **153.5570, -24.9246, 14.4205**.

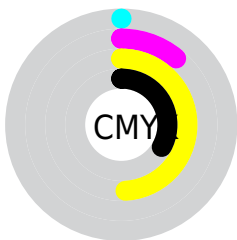
Distribution



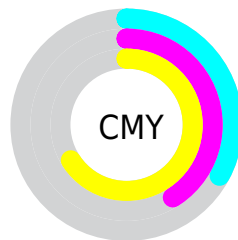
- Red (67%)
- Green (59%)
- Blue (34%)



- Red (44%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (11%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2710, -31.1926, 18.1793 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 149.2710, -31.1926, 18.1793 by changing the saturation by 10% instead.

■ 149.2710,
-31.1926, 18.1793

■ 149.2710,
-31.1926, 18.1793

■ 255.0000, 0.0000,
0.0000

■ 123.2000,
-30.1716, 17.3646

■ 203.8260,
-32.9452, 20.3236

■ 97.7160, -29.4400,
16.0351

■ 231.7120,
-33.3820, 20.4236

■ 73.5910, -29.8714,
14.3907

■ 247.7040,
-27.9551, 6.3986

■ 51.1330, -25.2086,
12.1614

■ 250.8960,
-15.7247, 3.5992

■ 31.3310, -15.4462,
7.6027

■ 254.2020, -3.0576,
0.6998

■ 9.7460, -4.8048,
1.0998

■ 0.0000, 0.0000,

0.0000

■ 149.2710,
-31.1926, 18.1793

■ 149.2710,
-31.1926, 18.1793

■ 144.9850,
-37.4606, 21.9382

■ 153.5570,
-24.9246, 14.4205

■ 140.6990,
-43.7286, 25.6970

■ 157.8430,
-18.6566, 10.6617

■ 136.4130,
-49.9966, 29.4558

■ 162.1290,
-12.3886, 6.9029

■ 132.7140,
-56.5540, 32.6998

■ 165.8280, -5.8312,
3.6588

■ 128.4280,
-62.8220, 36.4586

■ 170.1140, 0.4368,
-0.1000

■ 128.3140,
-63.2588, 36.5586

■ 174.4000, 6.7048,
-3.8588

■ 178.6860, 12.9728,
-7.6176

■ 182.9720, 19.2408,
-11.3764

■ 187.2580, 25.5088,
-15.1353

Harmonies

Analogous

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



151.9130, -28.0581, 39.5413



149.2710, -31.1926, 18.1793



145.5280, -24.4173, -8.3561

Triad

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



149.2710, -31.1926, 18.1793



119.8200, 32.6267, -105.0821



155.9500, 12.8427, 34.2469

Complementary

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



149.2710, -31.1926, 18.1793



106.7290, 31.1926, -18.1793

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.



154.7920, 25.7385, 4.5674



149.2710, -31.1926, 18.1793



132.0650, 37.9290, -78.9870

Square

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



149.2710, -31.1926, 18.1793



130.5130, 11.5791, -74.1179



147.4280, 34.2990, -34.5784



154.7490, -2.3413, 51.0861

Rectangle

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



149.2710, -31.1926, 18.1793



142.3990, -15.4797, -28.4139



147.4280, 34.2990, -34.5784



156.4480, 17.5271, 25.0401

Sweetspot

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



149.2710, -31.1926, 18.1793



213.5420, -12.0992, 7.4177



113.3960, -3.6462, 49.6417



107.3720, -7.5784, 4.0588



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



149.2710, -31.1926, 18.1793



189.4560, -48.5388, 28.5411



153.8460, -33.4481, -5.1269



81.9140, -2.9156, 1.8294



111.1700, -54.8068, 32.2999



15.3720, -7.5784, 4.0588

Inverse Universe

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



106.7290, 31.1926, -18.1793



123.5440, 48.5388, -28.5411



102.1540, 33.4481, 5.1269



78.0860, 2.9156, -1.8294



36.2430, 55.0962, -31.7851



5.2150, 7.2890, -4.5736

Previews

White Background



This preview shows how the YUV color 149.2710, -31.1926, 18.1793 looks on a white background.

Color Contrast Check

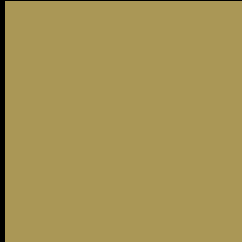
Large Text (above 18pt) WCAG AA × Fail

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 149.2710, -31.1926, 18.1793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

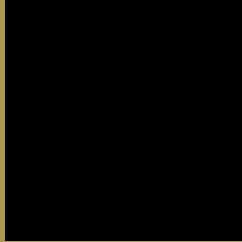
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.2710, -31.1926, 18.1793

Background



This preview shows how black text looks on a background with the YUV color 149.2710, -31.1926, 18.1793.



This preview shows how white text looks on a background with the YUV color 149.2710, -31.1926, 18.1793.

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

149.2710, -31.1926, 18.1793

Protanopia

148.9610, -31.0398, 15.8202

Deuteranopia

150.3480, -31.2306, 30.3898



Tritanopia

154.4200, -0.2071, 19.8027

Trichromacy



Original Color

149.2710, -31.1926, 18.1793

Protanomaly

149.2600, -31.1872, 16.4350

Deuteranomaly

150.0270, -31.0723, 26.2863

Tritanomaly

152.4340, -11.5530, 18.9134

Monochromacy



Original Color

149.2710, -31.1926, 18.1793

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3570, -11.5150, 6.7029

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2710, -31.1926, 18.1793 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, 151, 86)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 86)  
}
```

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, 151, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 86) }
```

Border

The CSS property to change the border of an element to YUV 149.2710, -31.1926, 18.1793 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, 151, 86) }
```


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

```
.border{ border-color:rgb(170, 151, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 151, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 86);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 149.2710, -31.1926, 18.1793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 151, 86) }
```

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

```
.background{ background-color: rgb(170,  
151, 86) }
```

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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