

Converting Colors

YUV(128.3710, -9.5499,
-16.9884)

Have a look what the booklet for
YUV(128.3710, -9.5499, -16.9884)
contains.

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Color

**YUV(128.3710, -9.5499,
-16.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8E6D
RGB	109, 142, 109
RGB Percent	43%, 56%, 43%
CMY	0.5725, 0.4431, 0.5725
CMYK	0.23, 0.00, 0.23, 0.44
HSL	120°, 13%, 49%
HSV	120°, 23%, 56%
XYZ	18.7400, 23.7013, 18.0551
YIQ	128.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

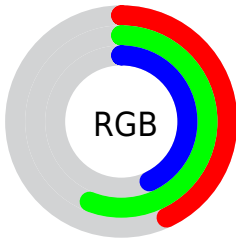
Format	Color
RYB	109, 142, 142
Decimal	7179885
CIELab	55.79, -18.42, 13.89
CIElCh	56, 23.068, 142.966
Yxy	23.7013, 0.3098, 0.3918
Android (android.graphics.Color)	4285369965 (0xFF6D8E6D)
YUV	128.3710, -9.5499, -16.9884
Hunter-Lab	48.6840, -16.4868, 12.0903

Details

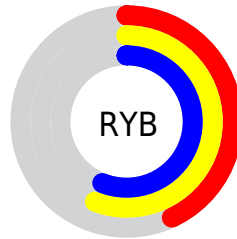
The YUV color $128.3710, -9.5499, -16.9884$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $122.6290, 9.5499, 16.9884$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.5450, -10.1287, -18.0180$, and $78.8980, -8.8237, -16.5735$ is the 20% darker color. If you saturate the color by 10%, you get $122.5890, -13.6014, -24.1956$, and if you desaturate by 10%, it is $134.1530, -5.4984, -9.7812$.

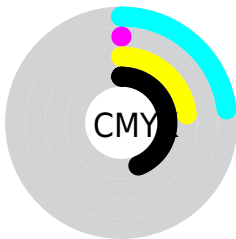
Distribution



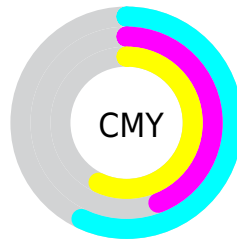
- Red (43%)
- Green (56%)
- Blue (43%)



- Red (43%)
- Yellow (56%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3710, -9.5499, -16.9884 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 128.3710, -9.5499, -16.9884 by changing the saturation by 10% instead.

■ 128.3710, -9.5499,
-16.9884

■ 128.3710, -9.5499,
-16.9884

■ 255.0000, 0.0000,
0.0000

■ 102.8980, -8.8237,
-16.5735

■ 181.5450,
-10.1287, -18.0180

■ 78.8980, -8.8237,
-16.5735

■ 209.1320,
-10.4181, -18.5328

■ 55.7240, -8.2449,
-15.5439

■ 237.0180,
-10.8549, -18.4328

■ 33.0660, -6.9345,
-15.8439

■ 250.7560, -3.3307,
-5.0480

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 128.3710, -9.5499,
-16.9884

■ 128.3710, -9.5499,
-16.9884

■ 122.5890,
-13.6014, -24.1956

■ 134.1530, -5.4984,
-9.7812

■ 116.8070,
-17.6529, -31.4027

■ 139.9350, -1.4470,
-2.5740

■ 110.6120,
-21.9937, -39.1247

■ 146.1300, 2.8939,
5.1480

■ 104.8300,
-26.0452, -46.3319

■ 151.9120, 6.9454,
12.3552

■ 99.0480, -30.0967,
-53.5391

■ 157.6940, 10.9969,
19.5624

■ 93.2660, -34.1481,
-60.7463

■ 163.4760, 15.0483,
26.7695

■ 87.4840, -38.1996,
-67.9535


■ 169.2580, 19.0998,
33.9767

■ 83.3540, -41.0935,

■ 175.4530, 23.4407,

-73.1015

41.6987

 181.2350, 27.4921,
48.9059

Harmonies

Analogous

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



130.8310, -17.1717, 1.0252



128.3710, -9.5499, -16.9884



125.7200, 1.1240, -33.9574

Triad

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



128.3710, -9.5499, -16.9884



130.6390, 20.8840, -25.1164



136.0320, -8.3968, 33.2979

Complementary

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



128.3710, -9.5499, -16.9884



122.6290, 9.5499, 16.9884

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.



136.5290, 1.2182, 29.3541



128.3710, -9.5499, -16.9884



134.5600, 17.4719, -3.9991

Square

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



128.3710, -9.5499, -16.9884



125.4860, 19.4804, -41.6452



136.5580, 10.5709, 16.1736



134.6480, -16.0955, 29.2497

Rectangle

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



128.3710, -9.5499, -16.9884



124.0270, 8.8607, -42.1197



136.5580, 10.5709, 16.1736



136.2430, -5.0498, 33.1129

Sweetspot

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



128.3710, -9.5499, -16.9884



178.6310, -3.7621, -6.6924



138.2380, -14.4143, 3.2993



88.6960, -2.3151, -4.1184



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



128.3710, -9.5499, -16.9884



162.5240, -15.0483, -26.7695



130.3090, -2.1243, -18.6880



68.1090, -2.0257, -3.6036



79.2450, -39.0678, -69.4979



4.6960, -2.3151, -4.1184

Inverse Universe

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



122.6290, 9.5499, 16.9884



153.4760, 15.0483, 26.7695



120.8050, 2.5611, 18.5880



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 128.3710, -9.5499, -16.9884 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.3710, -9.5499, -16.9884 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 × Fail

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

YUV 128.3710, -9.5499, -16.9884 Background



This preview shows how black text looks on a background with the YUV color 128.3710, -9.5499, -16.9884.



This preview shows how white text looks on a background with the YUV color 128.3710, -9.5499,

-16.9884.

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

128.3710, -9.5499, -16.9884

Protanopia

132.4990, -13.5570, 8.3324

Deuteranopia

133.9500, -10.8213, 17.5839



Tritanopia

131.9750, 7.9003, -14.0101

Trichromacy



Original Color

128.3710, -9.5499, -16.9884

Protanomaly

130.7860, -12.2195, -0.6893

Deuteranomaly

131.9870, -10.3466, 5.2734

Tritanomaly

130.6560, 1.6486, -15.4843

Monochromacy



Original Color

128.3710, -9.5499, -16.9884

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3710, -9.5499, -16.9884 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(109, 142, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 142, 109)  
}
```

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(109, 142, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 142, 109) }
```

Border

The CSS property to change the border of an element to YUV 128.3710, -9.5499, -16.9884 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(109, 142, 109) }
```


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

```
.border{ border-color:rgb(109, 142, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 142, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 142, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 142, 109);  
box-shadow:4px 4px 4px 4px rgb(109, 142,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 128.3710, -9.5499, -16.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 142, 109) }
```

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

```
.background{ background-color: rgb(109,  
142, 109) }
```

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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