

Converting Colors

YUV(47.9610, 2.4842, -3.4738)

Have a look what the booklet for
YUV(47.9610, 2.4842, -3.4738)
contains.

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Color

**YUV(47.9610, 2.4842,
-3.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3135
RGB	44, 49, 53
RGB Percent	17%, 19%, 21%
CMY	0.8275, 0.8078, 0.7922
CMYK	0.17, 0.08, 0.00, 0.79
HSL	207°, 9%, 19%
HSV	207°, 17%, 21%
XYZ	2.7796, 2.9891, 3.7986
YIQ	47.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

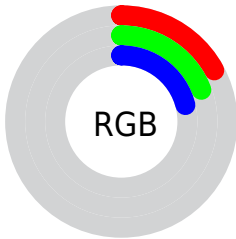
Format	Color
RYB	44, 47, 53
Decimal	2896181
CIELab	20.00, -1.13, -3.28
CIELCh	20, 3.470, 251.042
Yxy	2.9891, 0.2905, 0.3124
Android (android.graphics.Color)	4281086261 (0xFF2C3135)
YUV	47.9610, 2.4842, -3.4738
Hunter-Lab	17.2891, -1.5580, -0.9243

Details

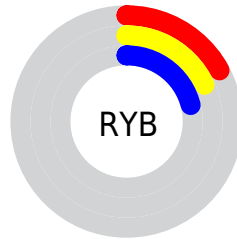
The YUV color **47.9610, 2.4842, -3.4738** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.0390, -2.4842, 3.4738**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9610, 2.4842, -3.4738**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **45.2920, 3.8000, -5.5181**, and if you desaturate by 10%, it is **50.6300, 1.1684, -1.4295**.

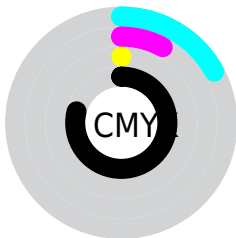
Distribution



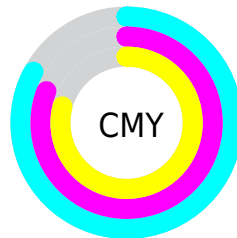
- Red (17%)
- Green (19%)
- Blue (21%)



- Red (17%)
- Yellow (18%)
- Blue (21%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (79%)



- Cyan (83%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9610, 2.4842, -3.4738 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 47.9610, 2.4842, -3.4738 by changing the saturation by 10% instead.

■ 47.9610, 2.4842,
-3.4738

■ 47.9610, 2.4842,
-3.4738

255.0000, 0.0000,
0.0000

■ 26.9610, 2.4842,
-3.4738

■ 93.9610, 2.4842,
-3.4738

■ 0.9120, 3.4944,
-0.7998

■ 118.6620, 2.6316,
-4.0886

■ 0.0000, 0.0000,
0.0000

■ 144.0750, 2.9210,
-3.5738

■ 170.7760, 3.0684,
-4.1886

■ 197.7760, 3.0684,
-4.1886

■ 225.7760, 3.0684,

-4.1886

253.5050, 0.7370,
-3.0739

47.9610, 2.4842,
-3.4738

47.9610, 2.4842,
-3.4738

45.2920, 3.8000,
-5.5181

50.6300, 1.1684,
-1.4295

41.7370, 5.5527,
-7.6623

54.1850, -0.5842,
0.7148

39.0680, 6.8685,
-9.7066

56.8540, -1.9000,
2.7590

36.3990, 8.1843,
-11.7509

59.5230, -3.2158,
4.8033

32.8440, 9.9369,
-13.8952

62.7790, -4.8210,
6.3328

■ 30.1750, 11.2527,
-15.9395

■ 65.7470, -6.2843,
8.9919

■ 27.5060, 12.5685,
-17.9838

■ 68.4160, -7.6001,
11.0362

■ 24.2500, 14.1738,
-19.5132

■ 71.6720, -9.2053,
12.5657

■ 23.0650, 14.7580,
-20.2280

■ 74.6400, -10.6685,
15.2247

Harmonies

Analogous

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



47.8360, 2.0529, -5.1182



47.9610, 2.4842, -3.4738



48.2710, 2.3314, -1.1147

Triad

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



47.9610, 2.4842, -3.4738



49.0930, -1.0318, 4.3034



47.5330, -1.7418, -1.3444

Complementary

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



47.9610, 2.4842, -3.4738



49.0390, -2.4842, 3.4738

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.



47.7290, -2.3314, 1.1147



47.9610, 2.4842, -3.4738



48.8650, -1.9054, 4.5034

Square

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



47.9610, 2.4842, -3.4738



48.8370, 0.5734, 2.7740



48.7400, -2.3368, 2.8590



47.8640, -0.4260, -3.3887

Rectangle

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



47.9610, 2.4842, -3.4738



48.8690, 2.0366, 0.1149



48.7400, -2.3368, 2.8590



47.8320, -1.8892, -0.7297

Sweetspot

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



47.9610, 2.4842, -3.4738



66.6300, 1.1684, -1.4295



49.7390, -0.8573, -5.0331



34.8150, 0.5842, -0.7148



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



47.9610, 2.4842, -3.4738



61.2920, 3.8000, -5.5181



45.6130, 3.6418, -1.4146



23.9290, 1.0210, -0.8147



39.4960, 24.4055, -34.6380



95.1780, 60.0582, -83.4711

Inverse Universe

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



47.2610, 0.8573, 5.0331



60.0980, 1.4307, 7.8071



51.3870, -3.6418, 1.4146



24.0110, -0.0054, 1.7444



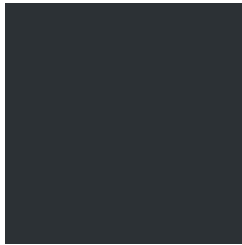
32.3110, 8.7207, 49.7163



78.5630, 20.4284, 121.4092

Previews

White Background



This preview shows how the YUV color 47.9610, 2.4842, -3.4738 looks on a white background.

Color Contrast Check

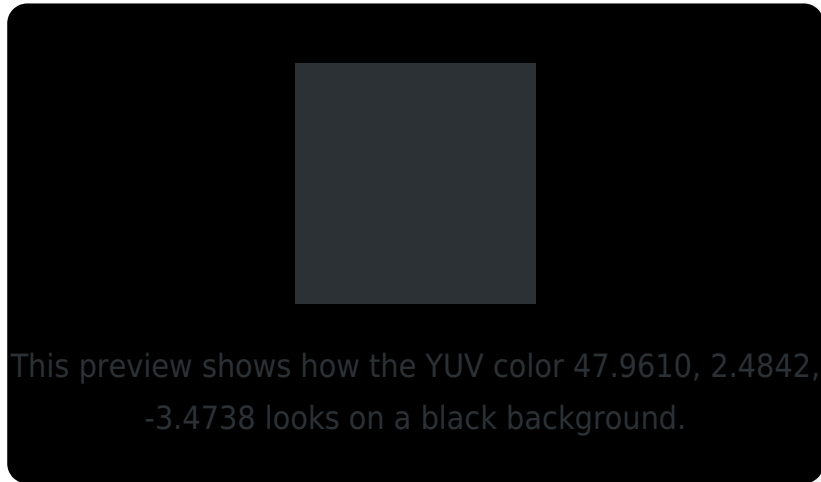
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

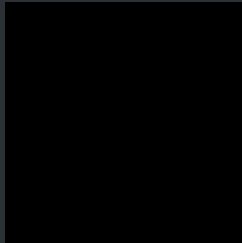
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9610, 2.4842, -3.4738

Background



This preview shows how black text looks on a background with the YUV color 47.9610, 2.4842, -3.4738.



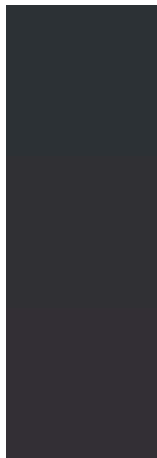
This preview shows how white text looks on a background with the YUV color 47.9610, 2.4842, -3.4738.

-3.4738.

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

47.9610, 2.4842, -3.4738

Protanopia

48.4560, 1.7472, -0.3999

Deuteranopia

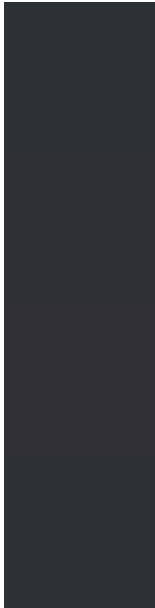
48.8800, 2.0312, 1.8592



Tritanopia

47.9610, 2.4842, -3.4738

Trichromacy



Original Color

47.9610, 2.4842, -3.4738

Protanomaly

48.1570, 1.8946, -1.0147

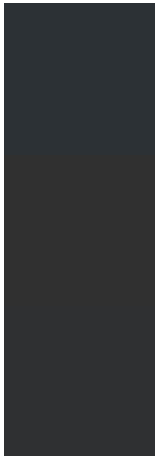
Deuteranomaly

48.5700, 2.1840, -0.4999

Tritanomaly

47.9610, 2.4842, -3.4738

Monochromacy



Original Color

47.9610, 2.4842, -3.4738

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9610, 2.4842, -3.4738 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(44, 49, 53)` looks like.

```
.text, #text, p{  
    color:rgb(44, 49, 53)  
}
```

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(44, 49, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 49, 53) }
```

Border

The CSS property to change the border of an element to YUV 47.9610, 2.4842, -3.4738 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(44, 49, 53) }
```


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

```
.border{ border-color:rgb(44, 49, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 49, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 49, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 49, 53);  
box-shadow:4px 4px 4px 4px rgb(44, 49, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9610, 2.4842, -3.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 49, 53) }
```

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

```
.background{ background-color: rgb(44, 49,  
53) }
```

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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