

# Converting Colors

YUV(47.8950, 2.5168, -13.9399)

Have a look what the booklet for  
YUV(47.8950, 2.5168, -13.9399)  
contains.

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# Color

**YUV(47.8950, 2.5168,  
-13.9399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	203735
RGB	32, 55, 53
RGB Percent	13%, 22%, 21%
CMY	0.8745, 0.7843, 0.7922
CMYK	0.42, 0.00, 0.04, 0.78
HSL	175°, 26%, 17%
HSV	175°, 42%, 22%
XYZ	2.6045, 3.2965, 3.8672
YIQ	47.8950, -13.0660, -5.4980

# Conversions

## Conversions Part 2

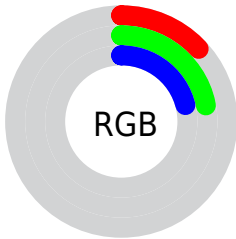
Format	Color
R <sub>Y</sub> B	32, 44, 55
Decimal	2111285
CIE Lab	21.19, -9.58, -1.61
CIE LCh	21, 9.715, 189.562
Yxy	3.2965, 0.2666, 0.3375
Android (android.graphics.Color)	4280301365 (0xFF203735)
YUV	47.8950, 2.5168, -13.9399
Hunter-Lab	18.1563, -6.1682, 0.0809

# Details

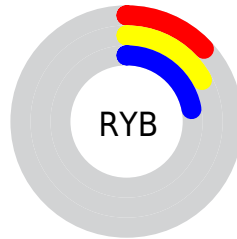
The YUV color **47.8950, 2.5168, -13.9399** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **39.1050, -2.5168, 13.9399**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4820, 2.2274, -14.4547**, and **6.1950, 0.8899, -5.4330** is the 20% darker color. If you saturate the color by 10%, you get **46.4000, 3.2538, -17.0138**, and if you desaturate by 10%, it is **49.6890, 1.6323, -10.2513**.

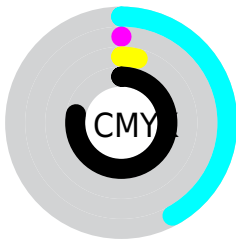
# Distribution



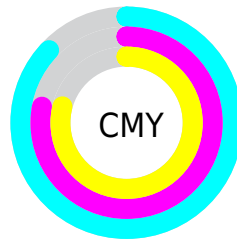
- Red (13%)
- Green (22%)
- Blue (21%)



- Red (13%)
- Yellow (17%)
- Blue (22%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (78%)



- Cyan (87%)
- Magenta (78%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.8950, 2.5168, -13.9399 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 47.8950, 2.5168, -13.9399 by changing the saturation by 10% instead.



■ 47.8950, 2.5168,  
-13.9399

■ 47.8950, 2.5168,  
-13.9399

■ 255.0000, 0.0000,  
0.0000

■ 26.5960, 2.6642,  
-14.5547

■ 94.4820, 2.2274,  
-14.4547

■ 6.1950, 0.8899,  
-5.4330

■ 119.1830, 2.3748,  
-15.0695

■ 0.0000, 0.0000,  
0.0000

■ 144.8840, 2.5222,  
-15.6843

■ 171.5850, 2.6696,  
-16.2990

■ 198.5850, 2.6696,  
-16.2990

■ 226.5850, 2.6696,

-16.2990

249.3190, 2.8007,  
-11.6808

47.8950, 2.5168,  
-13.9399

47.8950, 2.5168,  
-13.9399

46.4000, 3.2538,  
-17.0138

49.6890, 1.6323,  
-10.2513

44.4920, 3.7014,  
-20.6025

51.2980, 1.3321,  
-7.2773

42.9970, 4.4385,  
-23.6764

53.0920, 0.4476,  
-3.5887

41.0890, 4.8861,  
-27.2651

54.7010, 0.1474,  
-0.6148

39.5940, 5.6232,  
-30.3389

56.4950, -0.7370,  
3.0739

■ 37.9850, 5.9234,  
-33.3128

■ 58.1040, -1.0373,  
6.0478

■ 59.8980, -1.9217,  
9.7365

■ 61.5070, -2.2220,  
12.7104

■ 63.3010, -3.1064,  
16.3990

# Harmonies

## Analogous

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



48.8910, -1.4253, -9.5514



47.8950, 2.5168, -13.9399



47.8070, 6.0111, -14.7397

# Triad

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



47.8950, 2.5168, -13.9399



51.6890, 5.0833, 2.9037



51.3340, -6.5737, 8.4771

# Complementary

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



47.8950, 2.5168, -13.9399



39.1050, -2.5168, 13.9399

# 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.



51.8120, -4.8373, 11.5659



47.8950, 2.5168, -13.9399



51.9240, 2.0095, 8.8367

# Square

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



47.8950, 2.5168, -13.9399



51.1010, 6.8522, -4.4736



52.0230, -1.4903, 11.3808



50.3010, -6.5574, 3.2440



# Rectangle

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



47.8950, 2.5168, -13.9399



49.0460, 6.8793, -13.1953



52.0230, -1.4903, 11.3808



51.1600, -5.9949, 9.5067

# Sweetspot

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



47.8950, 2.5168, -13.9399



68.3090, 1.3267, -5.5330



46.0990, -6.9508, -10.6108



34.0920, 0.4476, -3.5887



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.



47.8950, 2.5168, -13.9399



60.1930, 3.8489, -21.2173



42.8400, 5.9949, -9.5067



27.1030, 0.4422, -1.8443



63.5800, 10.0671, -55.7597



151.3530, 23.9830, -132.7366



# Inverse Universe

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



39.1050, -2.5168, 13.9399



46.8070, -3.8489, 21.2173



44.1600, -5.9949, 9.5067



25.8970, -0.4422, 1.8443



28.4200, -10.0671, 55.7597

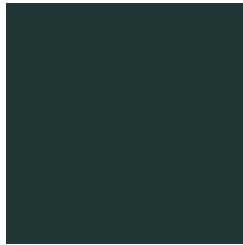


67.6470, -23.9830, 132.7366



# Previews

## White Background



This preview shows how the YUV color 47.8950, 2.5168, -13.9399 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

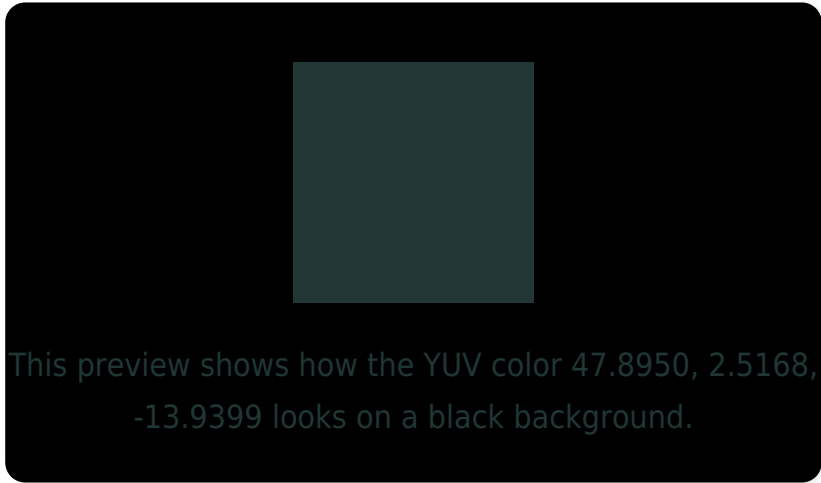
Any Text WCAG AA ✓ Pass

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

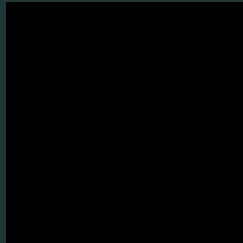
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 47.8950, 2.5168, -13.9399**

## **Background**



This preview shows how black text looks on a background with the YUV color 47.8950, 2.5168, -13.9399.



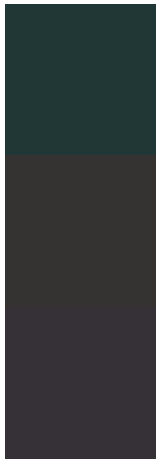
This preview shows how white text looks on a background with the YUV color 47.8950, 2.5168, -13.9399.

-13.9399.

# 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

47.8950, 2.5168, -13.9399

### Protanopia

51.1850, -0.5842, 0.7148

### Deuteranopia

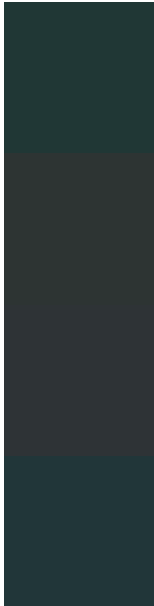
51.0650, 1.4470, 2.5740



**Tritanopia**

48.5900, 5.1321, -12.7954

# Trichromacy



## Original Color

47.8950, 2.5168, -13.9399

## Protanomaly

49.7930, 0.5951, -4.2035

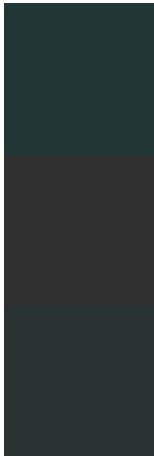
## Deuteranomaly

49.8470, 2.0474, -3.3738

## Tritanomaly

48.0630, 4.4059, -13.2103

# Monochromacy



## Original Color

47.8950, 2.5168, -13.9399

## Achromatopsia

48.0000, 0.0000, 0.0000

## Achromatomaly

48.1950, 0.8899, -5.4330

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.8950, 2.5168, -13.9399 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(32, 55, 53)` looks like.

```
.text, #text, p{  
    color:rgb(32, 55, 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(32, 55, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 55, 53) }
```

## Border

The CSS property to change the border of an element to YUV 47.8950, 2.5168, -13.9399 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(32, 55, 53) }
```



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

```
.border{ border-color:rgb(32, 55, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 55, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 55, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 55, 53);  
box-shadow:4px 4px 4px 4px rgb(32, 55, 53)  
}
```

# Background

The CSS property to change the background color of an element to YUV 47.8950, 2.5168, -13.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 55, 53) }
```

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

```
.background{ background-color: rgb(32, 55,  
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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