

# Converting Colors

YUV(52.5150, 2.2111, -9.2217)

Have a look what the booklet for  
YUV(52.5150, 2.2111, -9.2217)  
contains.

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# Color

**YUV(52.5150, 2.2111,  
-9.2217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A3939
RGB	42, 57, 57
RGB Percent	16%, 22%, 22%
CMY	0.8353, 0.7765, 0.7765
CMYK	0.26, 0.00, 0.00, 0.78
HSL	180°, 15%, 19%
HSV	180°, 26%, 22%
XYZ	3.1565, 3.7139, 4.4214
YIQ	52.5150, -8.9400, -3.1800

# Conversions

## Conversions Part 2

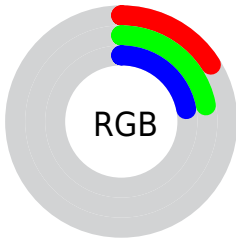
Format	Color
<b>RYB</b>	42, 50, 57
Decimal	2767161
CIELab	22.70, -6.10, -2.02
CIElCh	23, 6.428, 198.272
Yxy	3.7139, 0.2795, 0.3289
Android (android.graphics.Color)	4280957241 (0xFF2A3939)
YUV	52.5150, 2.2111, -9.2217
Hunter-Lab	19.2715, -4.4885, -0.1126

# Details

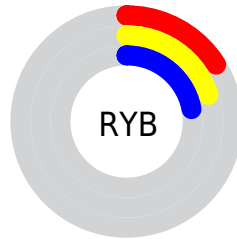
The YUV color **52.5150, 2.2111, -9.2217** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.4850, -2.2111, 9.2217**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.2160, 2.3585, -9.8364**, and **9.8140, 2.0637, -8.6069** is the 20% darker color. If you saturate the color by 10%, you get **50.7210, 3.0955, -12.9103**, and if you desaturate by 10%, it is **54.3090, 1.3267, -5.5330**.

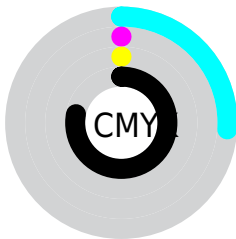
# Distribution



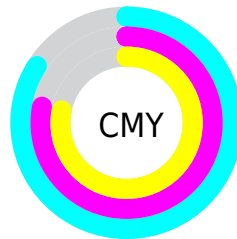
- Red (16%)
- Green (22%)
- Blue (22%)



- Red (16%)
- Yellow (20%)
- Blue (22%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (78%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 52.5150, 2.2111, -9.2217 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 52.5150, 2.2111, -9.2217 by changing the saturation by 10% instead.



■ 52.5150, 2.2111,  
-9.2217

■ 52.5150, 2.2111,  
-9.2217

■ 255.0000, 0.0000,  
0.0000

■ 30.9280, 2.5005,  
-8.7069

■ 99.2160, 2.3585,  
-9.8364

■ 9.8140, 2.0637,  
-8.6069

■ 123.9170, 2.5059,  
-10.4512

■ 0.0000, 0.0000,  
0.0000

■ 149.9170, 2.5059,  
-10.4512

■ 176.6180, 2.6533,  
-11.0660

■ 204.2050, 2.3639,  
-11.5808

■ 232.3190, 2.8007,

-11.6808

252.9070, 1.0318,  
-4.3034

52.5150, 2.2111,  
-9.2217

52.5150, 2.2111,  
-9.2217

50.7210, 3.0955,  
-12.9103

54.3090, 1.3267,  
-5.5330

49.2260, 3.8326,  
-15.9842

55.8040, 0.5896,  
-2.4591

47.4320, 4.7170,  
-19.6729

57.5980, -0.2948,  
1.2296

45.6380, 5.6015,  
-23.3615

59.3920, -1.1793,  
4.9182

43.8440, 6.4859,  
-27.0502

61.1860, -2.0637,  
8.6069

■ 42.3490, 7.2229,  
-30.1241

■ 62.6810, -2.8007,  
11.6808

■ 40.5550, 8.1074,  
-33.8127

■ 64.4750, -3.6852,  
15.3694

■ 39.9570, 8.4022,  
-35.0423

■ 66.2690, -4.5696,  
19.0581

■ 67.7640, -5.3067,  
22.1320

# Harmonies

## Analogous

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



52.8420, -0.4151, -6.8774



52.5150, 2.2111, -9.2217



52.6830, 4.1003, -8.4920

# Triad

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



52.5150, 2.2111, -9.2217



55.1190, 2.8993, 3.4036



54.1810, -4.5262, 5.1033

# Complementary

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



52.5150, 2.2111, -9.2217



46.4850, -2.2111, 9.2217

# 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.



54.7190, -3.8055, 7.2624



52.5150, 2.2111, -9.2217



55.1580, 0.4151, 6.8774

# Square

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



52.5150, 2.2111, -9.2217



54.7270, 4.0786, -1.5146



54.8870, -1.9163, 7.9921



53.8600, -4.3680, 0.9998



# Rectangle

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



52.5150, 2.2111, -9.2217



53.5090, 4.6791, -7.4624



54.8870, -1.9163, 7.9921



54.4800, -4.6736, 5.7180

# Sweetspot

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



52.5150, 2.2111, -9.2217



72.2060, 0.8844, -3.6887



50.8050, -4.3409, -7.7220



36.8040, 0.5896, -2.4591



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000



# Same Dimension

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



52.5150, 2.2111, -9.2217



66.8240, 3.5378, -14.7546



48.4060, 4.2368, -5.6181



27.1030, 0.4422, -1.8443



64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362



# Inverse Universe

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



48.1950, 4.3409, 7.7220



59.9120, 6.9454, 12.3552



51.1810, -4.5262, 5.1033



26.2390, 0.8682, 1.5444



37.9960, 26.6240, 47.3615

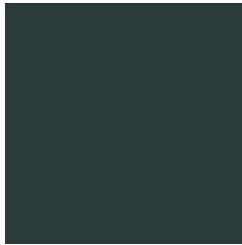


90.4470, 63.3766, 112.7410



# Previews

## White Background



This preview shows how the YUV color 52.5150, 2.2111, -9.2217 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

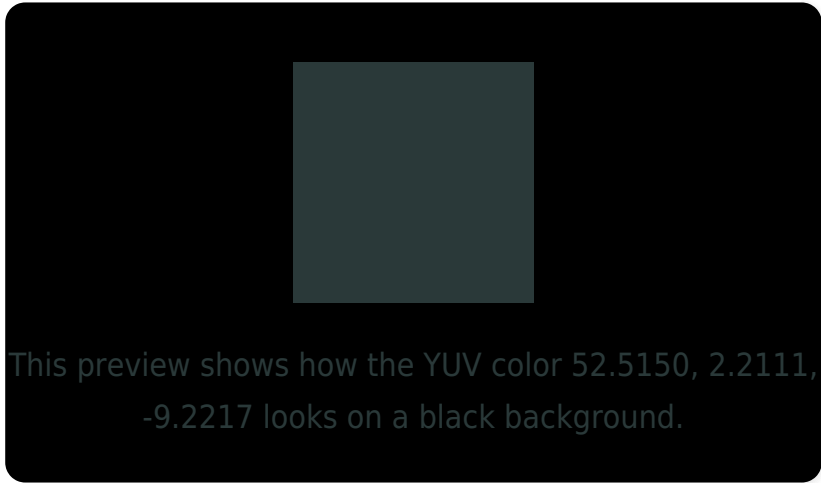
Any Text WCAG AA ✓ Pass

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

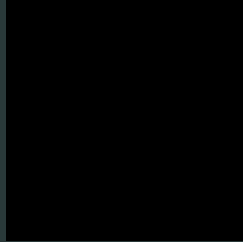
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 52.5150, 2.2111, -9.2217

## Background



This preview shows how black text looks on a background with the YUV color 52.5150, 2.2111, -9.2217.



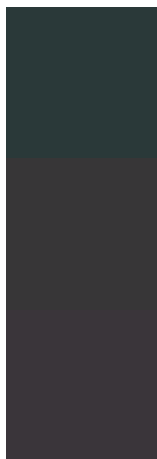
This preview shows how white text looks on a background with the YUV color 52.5150, 2.2111, -9.2217.

-9.2217.

# 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

52.5150, 2.2111, -9.2217

### Protanopia

54.4130, 0.2894, 0.5148

### Deuteranopia

55.0650, 1.4470, 2.5740



## Tritanopia

52.6830, 4.1003, -8.4920

# Trichromacy



## Original Color

52.5150, 2.2111, -9.2217

## Protanomaly

53.6190, 1.1738, -3.1739

## Deuteranomaly

53.8580, 2.0420, -1.6295

## Tritanomaly

52.5690, 3.6635, -8.3920

# Monochromacy



## Original Color

52.5150, 2.2111, -9.2217

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

52.5050, 0.7370, -3.0739

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 52.5150, 2.2111, -9.2217 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(42, 57, 57)` looks like.

```
.text, #text, p{  
    color:rgb(42, 57, 57)  
}
```

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(42, 57, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 57, 57) }
```

## Border

The CSS property to change the border of an element to YUV 52.5150, 2.2111, -9.2217 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(42, 57, 57) }
```



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

```
.border{ border-color:rgb(42, 57, 57) }
```

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

Here you see how a box with a 4 pixel rgb(42, 57, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 57, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 57, 57);  
box-shadow:4px 4px 4px 4px rgb(42, 57, 57)  
}
```

# Background

The CSS property to change the background color of an element to YUV 52.5150, 2.2111, -9.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 57, 57) }
```

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

```
.background{ background-color: rgb(42, 57,  
57) }
```

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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