

# Converting Colors

YUV(49.2810, 3.8055, -7.2624)

Have a look what the booklet for  
YUV(49.2810, 3.8055, -7.2624)  
contains.

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# Color

**YUV(49.2810, 3.8055,  
-7.2624)**

# Conversions

Conversions Part 1	
Format	Color
Hex	293439
RGB	41, 52, 57
RGB Percent	16%, 20%, 22%
CMY	0.8392, 0.7961, 0.7765
CMYK	0.28, 0.09, 0.00, 0.78
HSL	199°, 16%, 19%
HSV	199°, 28%, 22%
XYZ	2.8810, 3.2228, 4.3411
YIQ	49.2810, -8.1610, -0.7770

# Conversions

## Conversions Part 2

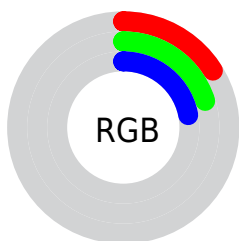
Format	Color
<a href="#">RYB</a>	<a href="#">41, 48, 57</a>
Decimal	<a href="#">2700345</a>
CIELab	<a href="#">20.91, -3.22, -4.68</a>
CIELCh	<a href="#">21, 5.679, 235.461</a>
Yxy	<a href="#">3.2228, 0.2758, 0.3086</a>
Android (android.graphics.Color)	<a href="#">4280890425</a> (0xFF293439)
YUV	<a href="#">49.2810, 3.8055, -7.2624</a>
Hunter-Lab	<a href="#">17.9522, -2.7707, -1.7707</a>

# Details

The YUV color **49.2810, 3.8055, -7.2624** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.7190, -3.8055, 7.2624**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3950, 4.2423, -7.3624**, and **5.1180, 4.3788, -4.4885** is the 20% darker color. If you saturate the color by 10%, you get **46.3130, 5.2687, -9.9215**, and if you desaturate by 10%, it is **52.2490, 2.3422, -4.6034**.

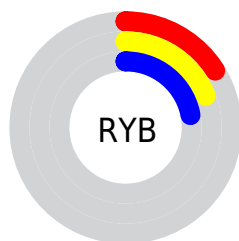
# Distribution



Red (16%)

Green (20%)

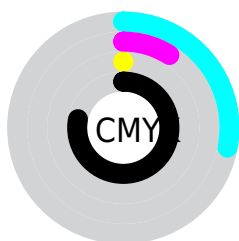
Blue (22%)



Red (16%)

Yellow (19%)

Blue (22%)

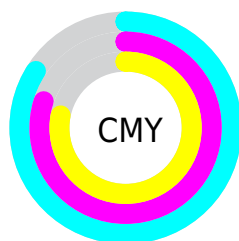


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (78%)



Cyan (84%)

Magenta (80%)

Yellow (78%)

# Brightness & Saturation

## Gradients

These gradients show how the YUV color 49.2810, 3.8055, -7.2624 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 49.2810, 3.8055, -7.2624 by changing the saturation by 10% instead.



■ 49.2810, 3.8055,  
-7.2624

■ 49.2810, 3.8055,  
-7.2624

255.0000, 0.0000,  
0.0000

■ 28.2810, 3.8055,  
-7.2624

■ 95.3950, 4.2423,  
-7.3624

■ 5.1180, 4.3788,  
-4.4885

■ 120.0960, 4.3897,  
-7.9772

■ 0.0000, 0.0000,  
0.0000

■ 146.0960, 4.3897,  
-7.9772

■ 172.7970, 4.5371,  
-8.5920

■ 199.7970, 4.5371,  
-8.5920

■ 227.9110, 4.9739,

-8.6919

252.3090, 1.3267,  
-5.5330

49.2810, 3.8055,  
-7.2624

49.2810, 3.8055,  
-7.2624

46.3130, 5.2687,  
-9.9215

52.2490, 2.3422,  
-4.6034

43.6440, 6.5845,  
-11.9658

54.9180, 1.0264,  
-2.5591

41.2630, 7.7583,  
-15.1397

57.2990, -0.1474,  
0.6148

38.2950, 9.2216,  
-17.7987

60.2670, -1.6106,  
3.2738

35.6260, 10.5374,  
-19.8430

63.2350, -3.0739,  
5.9329

■ 32.6580, 12.0006,  
-22.5021

■ 65.9040, -4.3897,  
7.9772

■ 30.2770, 13.1744,  
-25.6759

■ 68.2850, -5.5635,  
11.1511

■ 29.3910, 13.6112,  
-25.7759

■ 71.2530, -7.0267,  
13.8101

■ 73.9220, -8.3425,  
15.8544

# Harmonies

## Analogous

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



49.2270, 2.3531, -8.0921



49.2810, 3.8055, -7.2624



50.0040, 3.9420, -4.3885

# Triad

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



49.2810, 3.8055, -7.2624



50.7450, 0.1257, 6.3626



49.7890, -3.3470, 0.1850

# Complementary

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



49.2810, 3.8055, -7.2624



48.7190, -3.8055, 7.2624

# 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.



50.2840, -4.0840, 3.2589



49.2810, 3.8055, -7.2624



51.1750, -2.0583, 6.8625

# Square

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



49.2810, 3.8055, -7.2624



50.8910, 2.0257, 3.6036



50.5340, -3.2213, 6.5477



49.1090, -2.0257, -3.6036



# Rectangle

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



49.2810, 3.8055, -7.2624



50.6130, 3.6418, -1.4146



50.5340, -3.2213, 6.5477



49.9740, -3.9312, 0.8998

# Sweetspot

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



49.2810, 3.8055, -7.2624



71.0320, 1.4632, -2.6591



50.9620, -2.4463, -8.7367



36.2170, 0.8790, -1.9443



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.



49.2810, 3.8055, -7.2624



61.8290, 6.0003, -11.2510



44.5850, 6.1206, -3.1440



26.5160, 0.7316, -1.3295



47.4690, 21.9538, -41.6303



113.6030, 51.9607, -99.6298



# Inverse Universe

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



47.0380, 2.4463, 8.7367



58.4130, 3.7404, 13.6698



53.4150, -6.1206, 3.1440



26.1250, 0.4314, 1.6444



34.6900, 13.9568, 50.2609



82.6950, 33.6744, 119.5395



# Previews

## White Background



This preview shows how the YUV color 49.2810, 3.8055, -7.2624 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

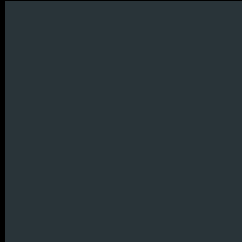
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 49.2810, 3.8055, -7.2624 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

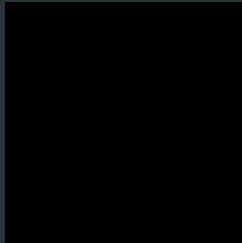
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 49.2810, 3.8055, -7.2624

## Background



This preview shows how black text looks on a background with the YUV color 49.2810, 3.8055, -7.2624.



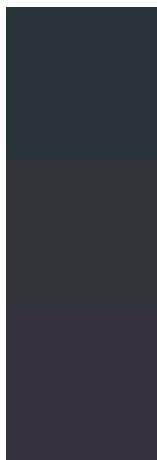
This preview shows how white text looks on a background with the YUV color 49.2810, 3.8055,

-7.2624.

# 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

49.2810, 3.8055, -7.2624

### Protanopia

50.3850, 2.7682, -1.2146

### Deuteranopia

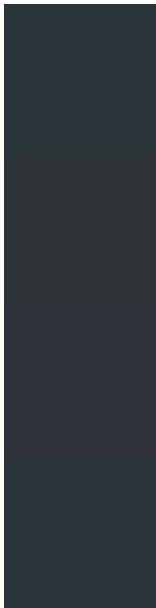
50.9230, 3.4890, 0.9445



## Tritanopia

49.1670, 3.3687, -7.1625

# Trichromacy



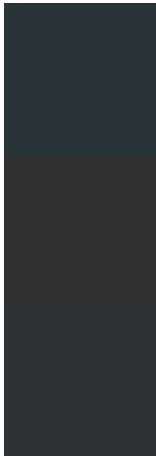
**Original Color**  
49.2810, 3.8055, -7.2624

**Protanomaly**  
50.0750, 2.9210, -3.5738

**Deuteranomaly**  
50.3140, 3.7892, -2.0294

**Tritanomaly**  
49.1670, 3.3687, -7.1625

# Monochromacy



**Original Color**  
49.2810, 3.8055, -7.2624

**Achromatopsia**  
49.0000, 0.0000, 0.0000

**Achromatomaly**  
49.0320, 1.4632, -2.6591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 49.2810, 3.8055, -7.2624 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(41, 52, 57)` looks like.

```
.text, #text, p{  
    color:rgb(41, 52, 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(41, 52, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 52, 57) }
```

## Border

The CSS property to change the border of an element to YUV 49.2810, 3.8055, -7.2624 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(41, 52, 57) }
```



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

```
.border{ border-color:rgb(41, 52, 57) }
```

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

Here you see how a box with a 4 pixel rgb(41, 52, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 52, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 52, 57);  
box-shadow:4px 4px 4px 4px rgb(41, 52, 57)  
}
```

# Background

The CSS property to change the background color of an element to YUV 49.2810, 3.8055, -7.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 52, 57) }
```

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

```
.background{ background-color: rgb(41, 52,  
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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