

Converting Colors

YUV(48.9110, 4.9739, -8.6919)

Have a look what the booklet for
YUV(48.9110, 4.9739, -8.6919)
contains.

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Color

**YUV(48.9110, 4.9739,
-8.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	27343B
RGB	39, 52, 59
RGB Percent	15%, 20%, 23%
CMY	0.8471, 0.7961, 0.7686
CMYK	0.34, 0.12, 0.00, 0.77
HSL	201°, 20%, 19%
HSV	201°, 34%, 23%
XYZ	2.8541, 3.2031, 4.6055
YIQ	48.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

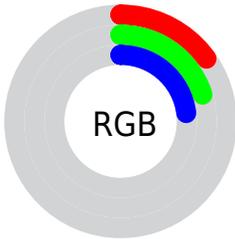
Format	Color
R_{YB}	39, 47, 59
Decimal	2569275
CIE Lab	20.84, -3.38, -6.17
CIE LCh	21, 7.034, 241.274
Yxy	3.2031, 0.2677, 0.3004
Android (android.graphics.Color)	4280759355 (0xFF27343B)
YUV	48.9110, 4.9739, -8.6919
Hunter-Lab	17.8972, -2.8542, -2.7292

Details

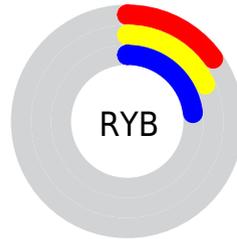
The YUV color **48.9110, 4.9739, -8.6919** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.0890, -4.9739, 8.6919**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.0250, 5.4107, -8.7919**, and **5.4600, 5.6892, -4.7884** is the 20% darker color. If you saturate the color by 10%, you get **45.9430, 6.4371, -11.3510**, and if you desaturate by 10%, it is **51.8790, 3.5107, -6.0329**.

Distribution



- Red (15%)
- Green (20%)
- Blue (23%)



- Red (15%)
- Yellow (18%)
- Blue (23%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (77%)



- Cyan (85%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9110, 4.9739, -8.6919 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 48.9110, 4.9739, -8.6919 by changing the saturation by 10% instead.

■ 48.9110, 4.9739,
-8.6919

■ 48.9110, 4.9739,
-8.6919

■ 255.0000, 0.0000,
0.0000

■ 27.7970, 4.5371,
-8.5920

■ 95.0250, 5.4107,
-8.7919

■ 5.4600, 5.6892,
-4.7884

■ 119.7260, 5.5581,
-9.4067

■ 0.0000, 0.0000,
0.0000

■ 145.7260, 5.5581,
-9.4067

■ 172.4270, 5.7055,
-10.0215

■ 199.5410, 6.1423,
-10.1215

■ 227.5410, 6.1423,

-10.1215

251.7110, 1.6215,
-6.7625

48.9110, 4.9739,
-8.6919

48.9110, 4.9739,
-8.6919

45.9430, 6.4371,
-11.3510

51.8790, 3.5107,
-6.0329

42.9750, 7.9003,
-14.0101

54.8470, 2.0474,
-3.3738

40.0070, 9.3635,
-16.6691

57.8150, 0.5842,
-0.7148

37.0390, 10.8268,
-19.3282

60.7830, -0.8790,
1.9443

34.3700, 12.1426,
-21.3725

63.7510, -2.3422,
4.6034

■ 31.4020, 13.6058,
-24.0316

■ 66.4200, -3.6581,
6.6477

■ 29.0320, 14.7742,
-25.4611

■ 69.3880, -5.1213,
9.3067

■ 72.9430, -6.8739,
11.4510

■ 75.9110, -8.3371,
14.1101

Harmonies

Analogous

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



48.4440, 3.2321, -10.0364



48.9110, 4.9739, -8.6919



49.6450, 5.1050, -4.0737

Triad

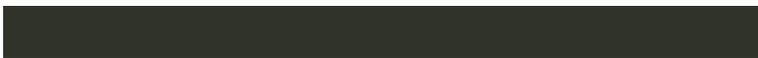
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.9110, 4.9739, -8.6919



51.2290, -0.6059, 7.6922



48.9630, -3.9258, -0.8446

Complementary

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



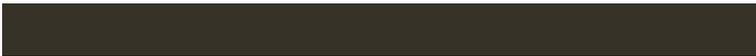
48.9110, 4.9739, -8.6919



49.0890, -4.9739, 8.6919

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.



50.0560, -4.9576, 3.4589



48.9110, 4.9739, -8.6919



50.9580, -2.9373, 8.8068

Square

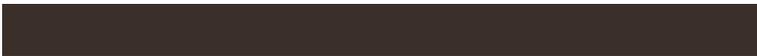
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.9110, 4.9739, -8.6919



50.9020, 2.0203, 5.3479



50.4910, -4.6791, 7.4624



48.7990, -1.8729, -5.9627

Rectangle

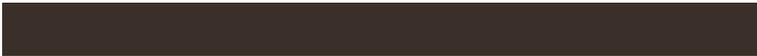
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



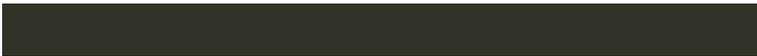
48.9110, 4.9739, -8.6919



50.2540, 4.8048, -1.0998



50.4910, -4.6791, 7.4624



49.4470, -4.6574, 0.4850

Sweetspot

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



48.9110, 4.9739, -8.6919



72.8470, 2.0474, -3.3738



51.5380, -2.7302, -10.9958



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.



48.9110, 4.9739, -8.6919



60.9750, 7.9003, -14.0101



43.0410, 7.8678, -3.5440



29.5160, 0.7316, -1.3295



46.5230, 23.4062, -40.8007



109.8360, 55.2969, -96.3262

Inverse Universe

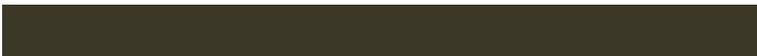
The Inverse Universe completely reimagines the original color for something new.



46.4620, 2.7302, 10.9958



56.9620, 4.4557, 17.5733



54.9590, -7.8678, 3.5440



29.1250, 0.4314, 1.6444



35.0600, 12.7884, 51.6904



82.7940, 30.1746, 122.0837

Previews

White Background



This preview shows how the YUV color 48.9110, 4.9739, -8.6919 looks on a white background.

Color Contrast Check

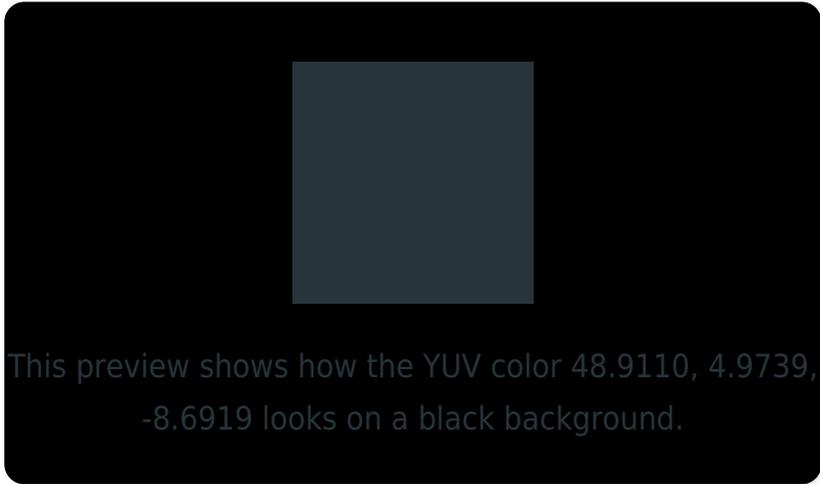
Large Text (above 18pt) WCAG AA ✓ Pass

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

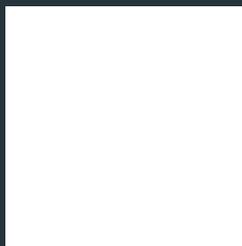
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 48.9110, 4.9739, -8.6919

Background



This preview shows how black text looks on a background with the YUV color 48.9110, 4.9739, -8.6919.



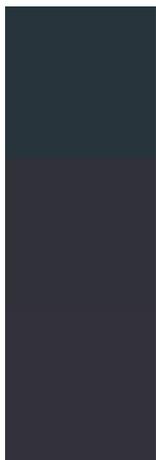
This preview shows how white text looks on a background with the YUV color 48.9110, 4.9739, -8.6919.

-8.6919.

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

48.9110, 4.9739, -8.6919

Protanopia

50.4990, 3.2050, -1.3146

Deuteranopia

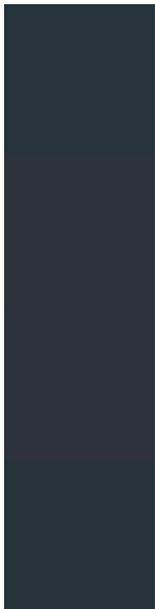
50.5530, 4.6574, -0.4850



Tritanopia

48.3840, 4.2477, -9.1068

Trichromacy



Original Color

48.9110, 4.9739, -8.6919

Protanomaly

50.0040, 3.9420, -4.3885

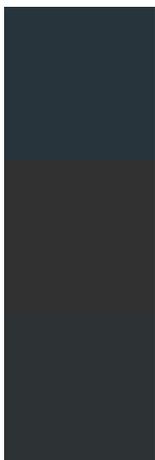
Deuteranomaly

49.9440, 4.9576, -3.4589

Tritanomaly

48.4980, 4.6845, -9.2067

Monochromacy



Original Color

48.9110, 4.9739, -8.6919

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8470, 2.0474, -3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9110, 4.9739, -8.6919 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(39, 52, 59)` looks like.

```
.text, #text, p{  
    color:rgb(39, 52, 59)  
}
```

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(39, 52, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 52, 59) }
```

Border

The CSS property to change the border of an element to YUV 48.9110, 4.9739, -8.6919 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(39, 52, 59) }
```


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

```
.border{ border-color:rgb(39, 52, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 52, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 52, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 52, 59);  
box-shadow:4px 4px 4px 4px rgb(39, 52, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.9110, 4.9739, -8.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 52, 59) }
```

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

```
.background{ background-color: rgb(39, 52,  
59) }
```

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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