

Converting Colors

YUV(49.5470, 3.6743, -11.8807)

Have a look what the booklet for
YUV(49.5470, 3.6743, -11.8807)
contains.

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Color

**YUV(49.5470, 3.6743,
-11.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	243739
RGB	36, 55, 57
RGB Percent	14%, 22%, 22%
CMY	0.8588, 0.7843, 0.7765
CMYK	0.37, 0.04, 0.00, 0.78
HSL	186°, 23%, 18%
HSV	186°, 37%, 22%
XYZ	2.8323, 3.4029, 4.3784
YIQ	49.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

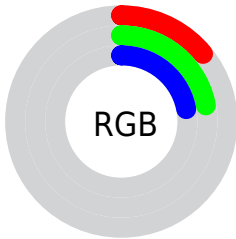
Format	Color
R_{YB}	36, 46, 57
Decimal	2373433
CIE _{Lab}	21.59, -7.01, -3.71
CIE _{LCh}	22, 7.933, 207.877
Yxy	3.4029, 0.2669, 0.3206
Android (android.graphics.Color)	4280563513 (0xFF243739)
YUV	49.5470, 3.6743, -11.8807
Hunter-Lab	18.4468, -4.8757, -1.1600

Details

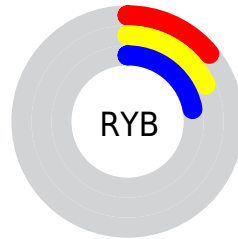
The YUV color **49.5470, 3.6743, -11.8807** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.4530, -3.6743, 11.8807**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2480, 3.8217, -12.4955**, and **8.0530, 2.9319, -7.0625** is the 20% darker color. If you saturate the color by 10%, you get **47.1660, 4.8482, -15.0546**, and if you desaturate by 10%, it is **51.9280, 2.5005, -8.7069**.

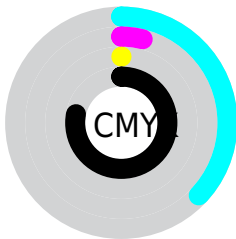
Distribution



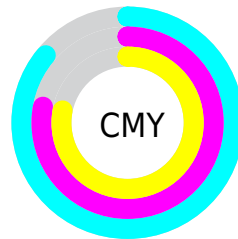
- Red (14%)
- Green (22%)
- Blue (22%)



- Red (14%)
- Yellow (18%)
- Blue (22%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5470, 3.6743, -11.8807 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 49.5470, 3.6743, -11.8807 by changing the saturation by 10% instead.

■ 49.5470, 3.6743,
-11.8807

■ 49.5470, 3.6743,
-11.8807

■ 255.0000, 0.0000,
0.0000

■ 28.5470, 3.6743,
-11.8807

■ 96.2480, 3.8217,
-12.4955

■ 8.0530, 2.9319,
-7.0625

■ 120.9490, 3.9691,
-13.1103

■ 0.0000, 0.0000,
0.0000

■ 146.6500, 4.1166,
-13.7250

■ 173.6500, 4.1166,
-13.7250

■ 200.6500, 4.1166,
-13.7250

■ 228.4650, 4.7008,

-14.4398

250.8140, 2.0637,
-8.6069

49.5470, 3.6743,
-11.8807

49.5470, 3.6743,
-11.8807

47.1660, 4.8482,
-15.0546

51.9280, 2.5005,
-8.7069

45.6710, 5.5852,
-18.1285

53.4230, 1.7635,
-5.6330

43.2900, 6.7590,
-21.3023

55.8040, 0.5896,
-2.4591

41.4960, 7.6435,
-24.9910

57.5980, -0.2948,
1.2296

39.4140, 8.6699,
-27.5501

59.9790, -1.4686,
4.4034

■ 37.6200, 9.5543,
-31.2387

■ 61.4740, -2.2057,
7.4773

■ 37.0220, 9.8492,
-32.4683

■ 63.8550, -3.3795,
10.6512

■ 65.6490, -4.2640,
14.3398

■ 67.7310, -5.2904,
16.8989

Harmonies

Analogous

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



49.4610, 0.7587, -10.0513



49.5470, 3.6743, -11.8807



50.0140, 5.4161, -10.5363

Triad

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



49.5470, 3.6743, -11.8807



53.0160, 2.4571, 5.2480



51.5400, -5.6892, 4.7884

Complementary

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



49.5470, 3.6743, -11.8807



43.4530, -3.6743, 11.8807

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.



52.0890, -4.9739, 8.6919



49.5470, 3.6743, -11.8807



52.9410, -0.4639, 8.8217

Square

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



49.5470, 3.6743, -11.8807



51.9660, 4.9468, 0.0298



52.6700, -2.7953, 9.9364



50.7350, -4.7994, -0.6446

Rectangle

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



49.5470, 3.6743, -11.8807



50.8510, 5.9895, -7.7623



52.6700, -2.7953, 9.9364



52.1380, -5.9840, 6.0180

Sweetspot

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



49.5470, 3.6743, -11.8807



71.0210, 1.4686, -4.4034



48.5550, -5.2036, -11.0107



36.5050, 0.7370, -3.0739



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.



49.5470, 3.6743, -11.8807



62.3720, 5.7326, -18.7432



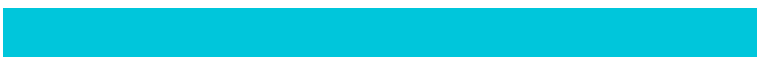
43.6770, 6.5682, -6.7327



27.1030, 0.4422, -1.8443



59.2090, 16.1660, -51.9263



141.1920, 38.3593, -123.8254

Inverse Universe

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



44.4450, 5.2036, 11.0107



54.2870, 8.2395, 17.2883



49.3230, -6.5682, 6.7327



26.2390, 0.8682, 1.5444



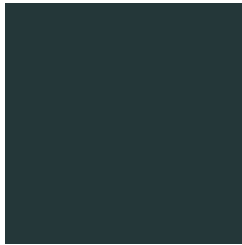
36.9700, 22.6928, 48.2613



88.0530, 54.2039, 114.8405

Previews

White Background



This preview shows how the YUV color 49.5470, 3.6743, -11.8807 looks on a white background.

Color Contrast Check

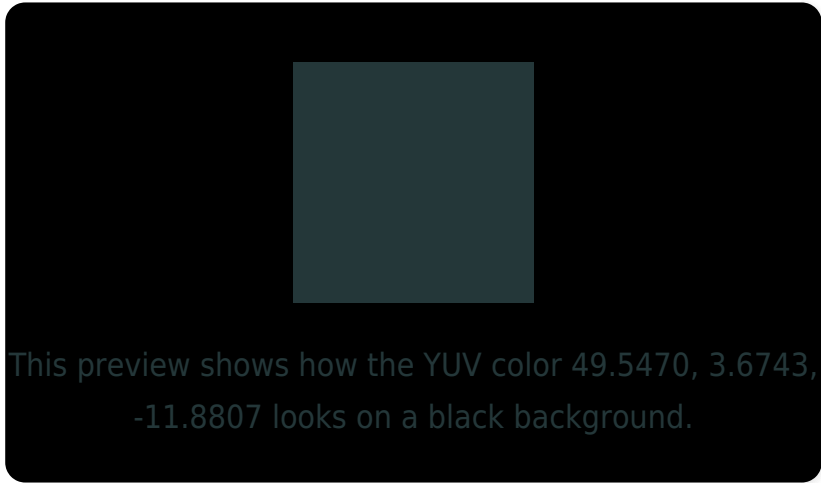
Large Text (above 18pt) WCAG AA ✓ Pass

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

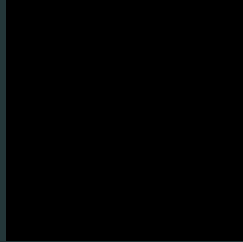
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

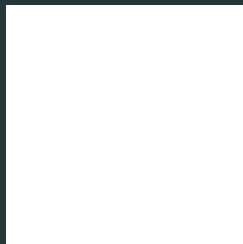
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.5470, 3.6743, -11.8807

Background



This preview shows how black text looks on a background with the YUV color 49.5470, 3.6743, -11.8807.



This preview shows how white text looks on a background with the YUV color 49.5470, 3.6743, -11.8807.

-11.8807.

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

49.5470, 3.6743, -11.8807

Protanopia

51.7550, 1.5998, 0.2149

Deuteranopia

52.1080, 2.9048, 1.6593



Tritanopia

50.0740, 4.4005, -11.4659

Trichromacy



Original Color

49.5470, 3.6743, -11.8807

Protanomaly

50.6620, 2.6316, -4.0886

Deuteranomaly

51.1890, 3.3578, -3.6738

Tritanomaly

49.9600, 3.9637, -11.3659

Monochromacy



Original Color

49.5470, 3.6743, -11.8807

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5470, 3.6743, -11.8807 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(36, 55, 57)` looks like.

```
.text, #text, p{  
    color:rgb(36, 55, 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(36, 55, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 55, 57) }
```

Border

The CSS property to change the border of an element to YUV 49.5470, 3.6743, -11.8807 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(36, 55, 57) }
```


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

```
.border{ border-color:rgb(36, 55, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 55, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 55, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 55, 57);  
box-shadow:4px 4px 4px 4px rgb(36, 55, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.5470, 3.6743, -11.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 55, 57) }
```

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

```
.background{ background-color: rgb(36, 55,  
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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