

Converting Colors

YUV(48.8870, 11.3947,
-14.8099)

Have a look what the booklet for
YUV(48.8870, 11.3947, -14.8099)
contains.

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Color

**YUV(48.8870, 11.3947,
-14.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	203548
RGB	32, 53, 72
RGB Percent	13%, 21%, 28%
CMY	0.8745, 0.7922, 0.7176
CMYK	0.56, 0.26, 0.00, 0.72
HSL	208°, 38%, 20%
HSV	208°, 56%, 28%
XYZ	3.0385, 3.3212, 6.6118
YIQ	48.8870, -18.6150, 1.4570

Conversions

Conversions Part 2

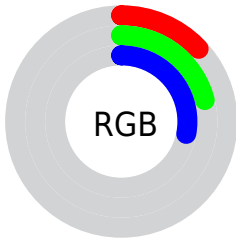
Format	Color
RYB	32, 46, 72
Decimal	2110792
CIELab	21.29, -2.03, -14.32
CIElCh	21, 14.467, 261.927
Yxy	3.3212, 0.2342, 0.2560
Android (android.graphics.Color)	4280300872 (0xFF203548)
YUV	48.8870, 11.3947, -14.8099
Hunter-Lab	18.2241, -2.1311, -8.7539

Details

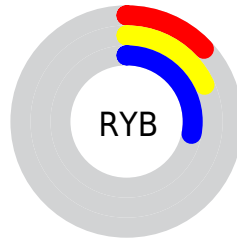
The YUV color **48.8870, 11.3947, -14.8099** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.1130, -11.3947, 14.8099**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5280, 12.5577, -14.4951**, and **8.0020, 10.3520, -7.0178** is the 20% darker color. If you saturate the color by 10%, you get **45.0330, 13.2947, -17.5689**, and if you desaturate by 10%, it is **52.7410, 9.4947, -12.0509**.

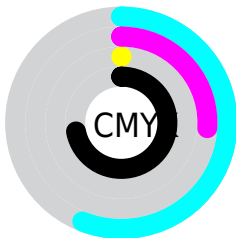
Distribution



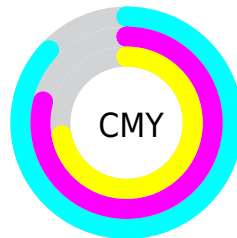
- Red (13%)
- Green (21%)
- Blue (28%)



- Red (13%)
- Yellow (18%)
- Blue (28%)



- Cyan (56%)
- Magenta (26%)
- Yellow (0%)
- Black (72%)



- Cyan (87%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8870, 11.3947, -14.8099 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 48.8870, 11.3947, -14.8099 by changing the saturation by 10% instead.

■ 48.8870, 11.3947,
-14.8099

■ 48.8870, 11.3947,
-14.8099

■ 255.0000, 0.0000,
0.0000

■ 26.7620, 10.9633,
-16.4543

■ 95.5280, 12.5577,
-14.4951

■ 8.0020, 10.3520,
-7.0178

■ 120.5280, 12.5577,
-14.4951

■ 0.0000, 0.0000,
0.0000

■ 146.6420, 12.9945,
-14.5950

■ 173.3430, 13.1419,
-15.2098

■ 200.4570, 13.5787,
-15.3098

■ 228.3430, 13.1419,

-15.2098

■ 250.5150, 2.2111,
-9.2217

■ 48.8870, 11.3947,
-14.8099

■ 48.8870, 11.3947,
-14.8099

■ 45.0330, 13.2947,
-17.5689

■ 52.7410, 9.4947,
-12.0509

■ 40.5920, 15.4841,
-19.8132

■ 57.1820, 7.3053,
-9.8066

■ 36.4390, 17.5316,
-23.1870

■ 61.3350, 5.2578,
-6.4328

■ 31.9980, 19.7210,
-25.4312

■ 65.7760, 3.0684,
-4.1886

■ 30.5140, 20.4526,
-26.7608

■ 69.6300, 1.1684,
-1.4295

■ 74.0710, -1.0210,
0.8147

■ 77.9250, -2.9210,
3.5738

■ 82.0780, -4.9685,
6.9476

■ 86.5190, -7.1579,
9.1918

Harmonies

Analogous

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



45.7070, 10.9904, -25.1760



48.8870, 11.3947, -14.8099



51.2090, 9.7570, -2.8143

Triad

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



48.8870, 11.3947, -14.8099



51.7850, -3.8380, 17.7286



47.9790, -4.9196, -8.7516

Complementary

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



48.8870, 11.3947, -14.8099



55.1130, -11.3947, 14.8099

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.



49.5950, -9.1673, 0.3552



48.8870, 11.3947, -14.8099



51.6230, -8.1951, 15.2396

Square

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



48.8870, 11.3947, -14.8099



52.3270, 0.8248, 15.4992



50.4220, -10.0680, 9.2769



46.4060, 0.7858, -18.7731

Rectangle

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



48.8870, 11.3947, -14.8099



52.5690, 7.1145, 4.7630



50.4220, -10.0680, 9.2769



48.8330, -6.8197, -5.9925

Sweetspot

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



48.8870, 11.3947, -14.8099



85.1070, 4.3842, -6.2328



57.6460, -3.2765, -22.4915



42.9610, 2.4842, -3.4738



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



48.8870, 11.3947, -14.8099



57.5530, 17.9684, -23.2870



37.1470, 17.1825, -4.5139



33.6300, 1.1684, -1.4295



41.8100, 28.1947, -36.6674



95.7310, 64.7156, -83.9561

Inverse Universe

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



46.3540, 3.2765, 22.4915



53.5990, 5.1277, 35.4317



66.8530, -17.1825, 4.5139



33.4240, 0.2840, 2.2592



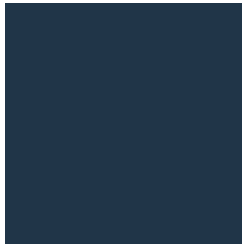
35.5290, 8.1202, 55.6641



81.4390, 18.5176, 127.6570

Previews

White Background



This preview shows how the YUV color 48.8870, 11.3947, -14.8099 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 48.8870, 11.3947, -14.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

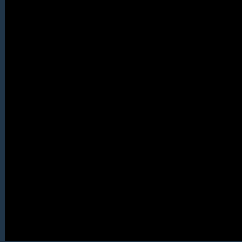
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

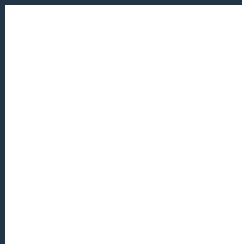
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 48.8870, 11.3947, -14.8099

Background



This preview shows how black text looks on a background with the YUV color 48.8870, 11.3947, -14.8099.



This preview shows how white text looks on a background with the YUV color 48.8870, 11.3947,

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

48.8870, 11.3947, -14.8099

Protanopia

50.7850, 9.4730, -5.0734

Deuteranopia

51.1160, 10.7888, -7.1177



Tritanopia

47.1980, 6.3114, -17.7136

Trichromacy



Original Color

48.8870, 11.3947, -14.8099

Protanomaly

49.9910, 10.3574, -8.7621

Deuteranomaly

50.5070, 11.0890, -10.0916

Tritanomaly

47.6650, 8.0532, -16.3692

Monochromacy



Original Color

48.8870, 11.3947, -14.8099

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7050, 4.0894, -5.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8870, 11.3947, -14.8099 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, 53, 72)` looks like.

```
.text, #text, p{  
    color:rgb(32, 53, 72)  
}
```

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, 53, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 53, 72) }
```

Border

The CSS property to change the border of an element to YUV 48.8870, 11.3947, -14.8099 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, 53, 72) }
```


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

```
.border{ border-color:rgb(32, 53, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 53, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 53, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 53, 72);  
box-shadow:4px 4px 4px 4px rgb(32, 53, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8870, 11.3947, -14.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 53, 72) }
```

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

```
.background{ background-color: rgb(32, 53,  
72) }
```

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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