

Converting Colors

YUV(70.5830, -14.0914,
39.8307)

Have a look what the booklet for
YUV(70.5830, -14.0914, 39.8307)
contains.

YUV(70.5830, -14.0914, 39.8307)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.5830, -14.0914,
39.8307)**

Conversions

Conversions Part 1

Format	Color
Hex	74352A
RGB	116, 53, 42
RGB Percent	45%, 21%, 16%
CMY	0.5451, 0.7922, 0.8353
CMYK	0.00, 0.54, 0.64, 0.55
HSL	9°, 47%, 31%
HSV	9°, 64%, 45%
XYZ	8.8935, 6.4264, 2.9622
YIQ	70.5830, 41.0790, 9.9350

Conversions

Conversions Part 2

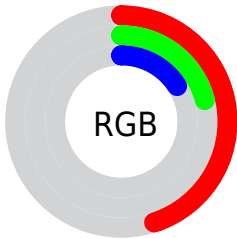
Format	Color
R_{YB}	116, 55, 42
Decimal	7615786
CIE Lab	30.46, 26.72, 19.96
CIE LCh	30, 33.351, 36.758
Yxy	6.4264, 0.4865, 0.3515
Android (android.graphics.Color)	4285805866 (0xFF74352A)
YUV	70.5830, -14.0914, 39.8307
Hunter-Lab	25.3503, 18.2590, 10.8172

Details

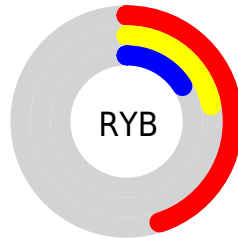
The YUV color **70.5830, -14.0914, 39.8307** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.4170, 14.0914, -39.8307**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7470, -16.1443, 44.9489**, and **22.6580, -11.1704, 36.2569** is the 20% darker color. If you saturate the color by 10%, you get **63.3450, -16.4391, 46.1784**, and if you desaturate by 10%, it is **77.8210, -11.7438, 33.4830**.

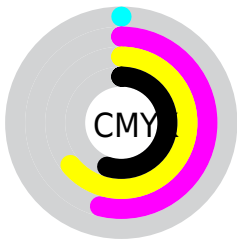
Distribution



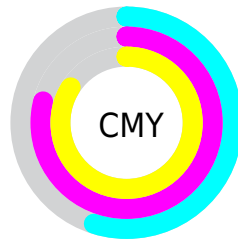
- Red (45%)
- Green (21%)
- Blue (16%)



- Red (45%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (55%)



- Cyan (55%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5830, -14.0914, 39.8307 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 70.5830, -14.0914, 39.8307 by changing the saturation by 10% instead.

70.5830, -14.0914,
39.8307

70.5830, -14.0914,
39.8307

255.0000, 0.0000,
0.0000

46.6150, -12.6282,
37.1716

120.7470,
-16.1443, 44.9489

22.6580, -11.1704,
36.2569

147.1170,
-17.3127, 46.3784

12.3730, -5.6069,
25.1059

174.0140,
-17.7549, 48.2227

0.0000, 0.0000,
0.0000

200.6010,
-18.0443, 47.7079

220.1150,
-14.3537, 30.5941

240.3300,

-10.5157, 12.8656

254.0880, -3.4944,
0.7998

70.5830, -14.0914,
39.8307

70.5830, -14.0914,
39.8307

63.3450, -16.4391,
46.1784

77.8210, -11.7438,
33.4830

56.2210, -18.3500,
52.4262

84.9450, -9.8329,
27.2352

48.9830, -20.6976,
58.7739

92.1830, -7.4852,
20.8875

44.6630, -22.0189,
62.5625

99.3070, -5.5744,
14.6398

105.9580, -2.9373,
8.8068

■ 113.1960, -0.5896,
2.4591

■ 120.3200, 1.3212,
-3.7886

■ 127.5580, 3.6689,
-10.1364

■ 134.6820, 5.5798,
-16.3841

Harmonies

Analogous

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



71.3950, -2.1667, 41.7496



70.5830, -14.0914, 39.8307



70.1010, -23.2208, 27.9754

Triad

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



70.5830, -14.0914, 39.8307



55.6170, -2.7692, -45.2681



65.5440, 28.3258, -32.0491

Complementary

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



70.5830, -14.0914, 39.8307



87.4170, 14.0914, -39.8307

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.



60.5260, 28.8277, -53.0813



70.5830, -14.0914, 39.8307



58.0860, 9.3246, -50.9414

Square

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



70.5830, -14.0914, 39.8307



65.2980, -18.8809, -10.7853



60.9360, 20.2446, -53.4409



73.6090, 19.9128, 6.4819

Rectangle

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



70.5830, -14.0914, 39.8307



68.6390, -25.9510, 16.9796



60.9360, 20.2446, -53.4409



58.1610, 32.4586, -51.0072

Sweetspot

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



70.5830, -14.0914, 39.8307



132.7200, -5.2850, 15.1546



71.4220, 17.0470, 39.0949



66.1430, -3.5215, 9.5216



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



70.5830, -14.0914, 39.8307



79.3640, -21.8715, 61.9478



91.7150, -24.5095, 21.2979



55.3810, -1.1738, 3.1739



47.0440, -23.1927, 65.7364



96.4690, -47.5592, 134.6467

Inverse Universe

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



87.4170, 14.0914, -39.8307



105.6360, 21.8715, -61.9478



66.2850, 24.5095, -21.2979



56.6190, 1.1738, -3.1739



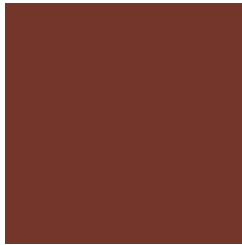
74.9560, 23.1927, -65.7364



153.5310, 47.5592, -134.6467

Previews

White Background



This preview shows how the YUV color 70.5830, -14.0914, 39.8307 looks on a white background.

Color Contrast Check

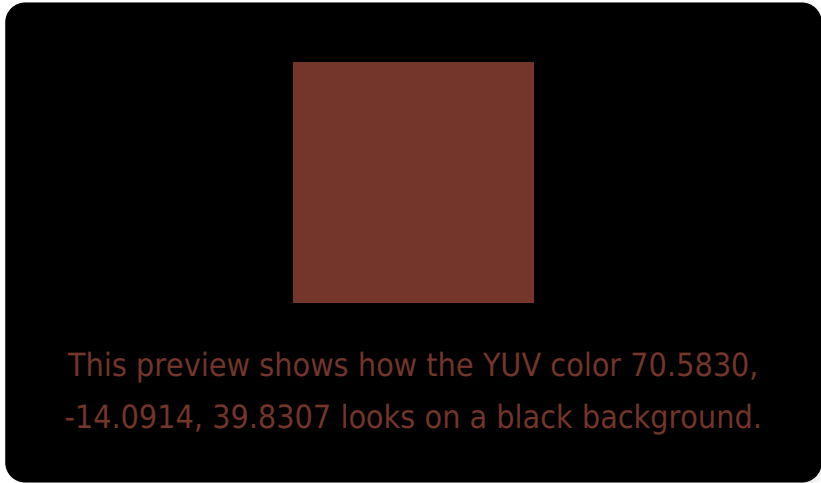
Large Text (above 18pt) WCAG AA ✓ Pass

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

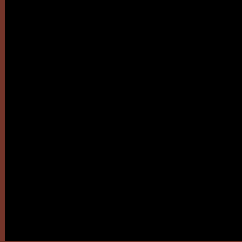
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5830, -14.0914, 39.8307

Background



This preview shows how black text looks on a background with the YUV color 70.5830, -14.0914, 39.8307.

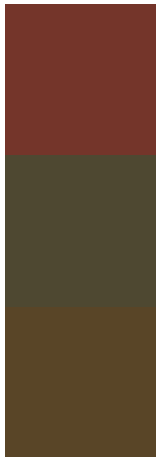


This preview shows how white text looks on a background with the YUV color 70.5830, -14.0914,

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

70.5830, -14.0914, 39.8307

Protanopia

71.1720, -10.9308, 5.9882

Deuteranopia

71.5600, -16.0521, 15.2949



Tritanopia

71.1900, -7.9817, 40.1754

Trichromacy



Original Color

70.5830, -14.0914, 39.8307

Protanomaly

70.9070, -12.2792, 18.4986

Deuteranomaly

71.1420, -15.3530, 24.4315

Tritanomaly

71.2070, -10.4551, 40.1605

Monochromacy



Original Color

70.5830, -14.0914, 39.8307

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.4210, -5.1376, 14.5398

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5830, -14.0914, 39.8307 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(116, 53, 42)` looks like.

```
.text, #text, p{  
    color:rgb(116, 53, 42)  
}
```

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(116, 53, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 53, 42) }
```

Border

The CSS property to change the border of an element to YUV 70.5830, -14.0914, 39.8307 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(116, 53, 42) }
```


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

```
.border{ border-color:rgb(116, 53, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 53, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 53, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 53, 42);  
box-shadow:4px 4px 4px 4px rgb(116, 53,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 70.5830, -14.0914, 39.8307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 53, 42) }
```

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

```
.background{ background-color: rgb(116, 53,  
42) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor