

Converting Colors

YUV(73.9670, -13.2947,
17.5689)

Have a look what the booklet for
YUV(73.9670, -13.2947, 17.5689)
contains.

YUV(73.9670, -13.2947, 17.5689)	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(73.9670, -13.2947,
17.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	5E452F
RGB	94, 69, 47
RGB Percent	37%, 27%, 18%
CMY	0.6314, 0.7294, 0.8157
CMYK	0.00, 0.27, 0.50, 0.63
HSL	28°, 33%, 28%
HSV	28°, 50%, 37%
XYZ	7.2573, 6.8412, 3.6273
YIQ	73.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

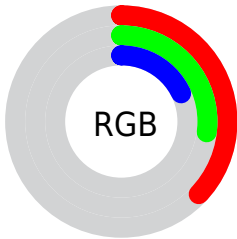
Format	Color
RYB	94, 88, 47
Decimal	6178095
CIELab	31.44, 7.63, 17.44
CIELCh	31, 19.038, 66.385
Yxy	6.8412, 0.4094, 0.3859
Android (android.graphics.Color)	4284368175 (0xFF5E452F)
YUV	73.9670, -13.2947, 17.5689
Hunter-Lab	26.1556, 3.7554, 10.0865

Details

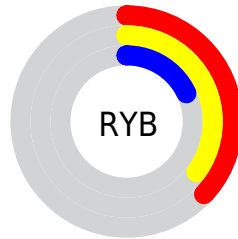
The YUV color **73.9670, -13.2947, 17.5689** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **67.0330, 13.2947, -17.5689**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9350, -14.7580, 20.2280**, and **29.3150, -14.4523, 15.5097** is the 20% darker color. If you saturate the color by 10%, you get **70.0060, -15.7790, 21.0427**, and if you desaturate by 10%, it is **77.9280, -10.8105, 14.0951**.

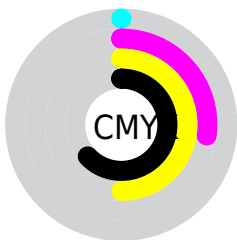
Distribution



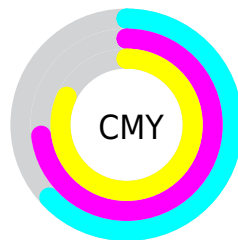
- Red (37%)
- Green (27%)
- Blue (18%)



- Red (37%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (63%)



- Cyan (63%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9670, -13.2947, 17.5689 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 73.9670, -13.2947, 17.5689 by changing the saturation by 10% instead.

■ 73.9670, -13.2947,
17.5689

■ 73.9670, -13.2947,
17.5689

255.0000, 0.0000,
0.0000

■ 51.1840, -12.4157,
15.6246

■ 122.9350,
-14.7580, 20.2280

■ 29.3150, -14.4523,
15.5097

■ 149.1200,
-15.3422, 20.9428

■ 6.8770, -3.3904,
14.1399

■ 175.7180,
-15.6370, 22.1723

■ 0.0000, 0.0000,
0.0000

■ 202.9030,
-16.2212, 22.8871

■ 230.3050,
-15.9264, 21.6575

■ 250.5200,

-12.0884, 3.9290

254.8860, -0.4368,
0.1000

■ 73.9670, -13.2947,
17.5689

■ 73.9670, -13.2947,
17.5689

■ 70.0060, -15.7790,
21.0427

■ 77.9280, -10.8105,
14.0951

■ 65.9310, -18.7000,
24.6165

■ 82.0030, -7.8895,
10.5214

■ 61.9700, -21.1842,
28.0903

■ 85.9640, -5.4053,
7.0476

■ 57.8950, -24.1052,
31.6641

■ 90.0390, -2.4842,
3.4738

■ 53.9340, -26.5895,
35.1379

■ 94.0000, 0.0000,
0.0000

■ 97.9610, 2.4842,
-3.4738

■ 102.0360, 5.4053,
-7.0476

■ 105.9970, 7.8895,
-10.5214

■ 110.0720, 10.8105,
-14.0951

Harmonies

Analogous

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



74.5640, -8.6591, 24.0614



73.9670, -13.2947, 17.5689



72.6730, -14.1358, 7.3028

Triad

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



73.9670, -13.2947, 17.5689



65.5830, 5.6286, -32.0833



75.5950, 11.0457, 3.8632

Complementary

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



73.9670, -13.2947, 17.5689



67.0330, 13.2947, -17.5689

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.



72.5220, 15.0257, -12.7358



73.9670, -13.2947, 17.5689



63.9010, 13.3598, -38.5012

Square

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



73.9670, -13.2947, 17.5689



68.6680, -3.2873, -19.0028



68.3520, 16.0955, -29.2497



75.7770, 5.0399, 16.8586

Rectangle

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



73.9670, -13.2947, 17.5689



71.4870, -12.0721, -1.3041



68.3520, 16.0955, -29.2497



75.0180, 12.8091, -1.7698

Sweetspot

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



73.9670, -13.2947, 17.5689



114.6650, -5.2578, 6.4328



63.9030, 3.9918, 26.3951



56.2240, -3.0684, 4.1886



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



73.9670, -13.2947, 17.5689



90.7850, -20.6000, 27.3756



87.4680, -19.9507, 5.7286



43.6690, -1.3158, 2.0443



62.8270, -30.9737, 41.3707



136.0200, -67.0579, 88.5595

Inverse Universe

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



67.0330, 13.2947, -17.5689



80.2150, 20.6000, -27.3756



53.5320, 19.9507, -5.7286



43.3310, 1.3158, -2.0443



46.5860, 31.2631, -40.8559



100.9800, 67.0579, -88.5595

Previews

White Background



This preview shows how the YUV color 73.9670, -13.2947, 17.5689 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 73.9670, -13.2947, 17.5689 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 73.9670, -13.2947, 17.5689

Background



This preview shows how black text looks on a background with the YUV color 73.9670, -13.2947, 17.5689.

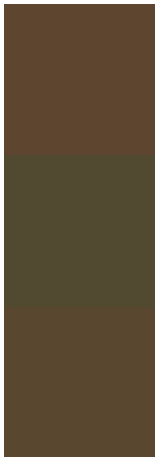


This preview shows how white text looks on a background with the YUV color 73.9670, -13.2947,

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

73.9670, -13.2947, 17.5689

Protanopia

73.2430, -11.9518, 6.8029

Deuteranopia

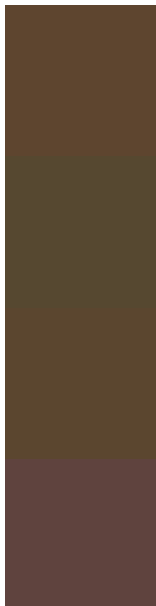
73.9450, -13.2839, 14.0802



Tritanopia

75.5400, -2.2382, 17.9434

Trichromacy



Original Color

73.9670, -13.2947, 17.5689

Protanomaly

73.4500, -12.5468, 11.0064

Deuteranomaly

73.6570, -13.1419, 15.2098

Tritanomaly

74.8020, -6.3114, 17.7136

Monochromacy



Original Color

73.9670, -13.2947, 17.5689

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7790, -4.8210, 6.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9670, -13.2947, 17.5689 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(94, 69, 47)` looks like.

```
.text, #text, p{  
    color:rgb(94, 69, 47)  
}
```

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(94, 69, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 69, 47) }
```

Border

The CSS property to change the border of an element to YUV 73.9670, -13.2947, 17.5689 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(94, 69, 47) }
```


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

```
.border{ border-color:rgb(94, 69, 47) }
```

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

Here you see how a box with a 4 pixel rgb(94, 69, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 69, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 69, 47);  
box-shadow:4px 4px 4px 4px rgb(94, 69, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.9670, -13.2947, 17.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 69, 47) }
```

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

```
.background{ background-color: rgb(94, 69,  
47) }
```

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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