

Converting Colors

YUV(75.3170, -13.9603,
44.4490)

Have a look what the booklet for
YUV(75.3170, -13.9603, 44.4490)
contains.

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Color

**YUV(75.3170, -13.9603,
44.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	7E372F
RGB	126, 55, 47
RGB Percent	49%, 22%, 18%
CMY	0.5059, 0.7843, 0.8157
CMYK	0.00, 0.56, 0.63, 0.51
HSL	6°, 46%, 34%
HSV	6°, 63%, 49%
XYZ	10.4835, 7.3732, 3.5600
YIQ	75.3170, 44.8840, 12.5640

Conversions

Conversions Part 2

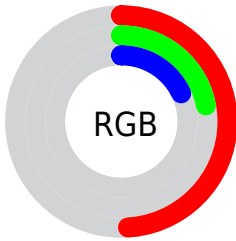
Format	Color
RYB	126, 56, 47
Decimal	8271663
CIELab	32.64, 30.12, 19.91
CIELCh	33, 36.110, 33.466
Yxy	7.3732, 0.4895, 0.3443
Android (android.graphics.Color)	4286461743 (0xFF7E372F)
YUV	75.3170, -13.9603, 44.4490
Hunter-Lab	27.1537, 21.3961, 11.2344

Details

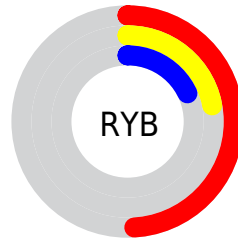
The YUV color **75.3170, -13.9603, 44.4490** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **97.6830, 13.9603, -44.4490**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0680, -16.3025, 49.0524**, and **24.4630, -12.0603, 41.6899** is the 20% darker color. If you saturate the color by 10%, you get **67.3780, -16.4554, 51.4115**, and if you desaturate by 10%, it is **83.2560, -11.4652, 37.4865**.

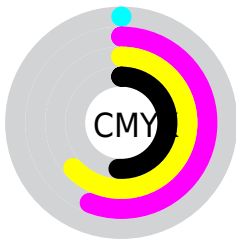
Distribution



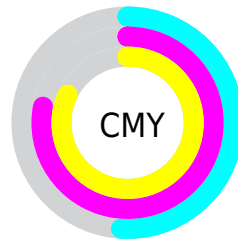
- Red (49%)
- Green (22%)
- Blue (18%)



- Red (49%)
- Yellow (22%)
- Blue (18%)



- Cyan (0%)
- Magenta (56%)
- Yellow (63%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3170, -13.9603, 44.4490 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 75.3170, -13.9603, 44.4490 by changing the saturation by 10% instead.

■ 75.3170, -13.9603,
44.4490

■ 75.3170, -13.9603,
44.4490

255.0000, 0.0000,
0.0000

■ 50.7620, -12.2077,
42.3047

■ 126.0680,
-16.3025, 49.0524

■ 24.4630, -12.0603,
41.6899

■ 153.1500,
-17.3290, 51.6114

■ 14.0530, -6.9281,
28.8945

■ 179.9330,
-18.2080, 53.5558

■ 0.0000, 0.0000,
0.0000

■ 203.6330,
-16.5811, 45.0489

■ 223.1470,
-12.8905, 27.9351

■ 242.7750, -8.7631,

10.7213

254.8860, -0.4368,
0.1000

■ 75.3170, -13.9603,
44.4490

■ 75.3170, -13.9603,
44.4490

■ 67.3780, -16.4554,
51.4115

■ 83.2560, -11.4652,
37.4865

■ 58.9660, -18.2242,
58.7888

■ 91.6680, -9.6963,
30.1092

■ 51.0270, -20.7193,
65.7513

■ 99.6070, -7.2013,
23.1467

■ 45.3050, -22.3354,
70.7695

■ 107.4320, -5.1430,
16.2841

■ 115.9580, -2.9373,
8.8068

■ 123.8970, -0.4422,
1.8443

■ 131.7220, 1.6161,
-5.0182

■ 140.2480, 3.8217,
-12.4955

■ 148.0730, 5.8800,
-19.3580

Harmonies

Analogous

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



76.1720, -0.5778, 45.4532



75.3170, -13.9603, 44.4490



75.0800, -24.6894, 32.3788

Triad

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



75.3170, -13.9603, 44.4490



60.9330, -5.3900, -44.6682



65.5360, 33.7528, -46.0741

Complementary

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



75.3170, -13.9603, 44.4490



97.6830, 13.9603, -44.4490

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.



64.9600, 30.5857, -56.9699



75.3170, -13.9603, 44.4490



61.8360, 8.4619, -54.2302

Square

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



75.3170, -13.9603, 44.4490



70.2120, -21.7965, -8.9559



65.0280, 20.6922, -57.0296



78.5700, 22.3970, 3.0081

Rectangle

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



75.3170, -13.9603, 44.4490



73.6780, -28.4353, 20.4534



65.0280, 20.6922, -57.0296



63.2960, 34.3641, -55.5106

Sweetspot

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



75.3170, -13.9603, 44.4490



143.0300, -5.4378, 17.5137



78.7150, 19.3675, 41.4689



69.8550, -3.3795, 10.6512



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



75.3170, -13.9603, 44.4490



84.5220, -21.4563, 68.8252



98.2100, -25.2465, 24.3718



59.6800, -1.3212, 3.7886



45.9030, -22.6302, 71.9991



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.6830, 13.9603, -44.4490



119.4780, 21.4563, -68.8252



74.7900, 25.2465, -24.3718



61.3200, 1.3212, -3.7886



82.0970, 22.6302, -71.9991



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.3170, -13.9603, 44.4490 looks on a white background.

Color Contrast Check

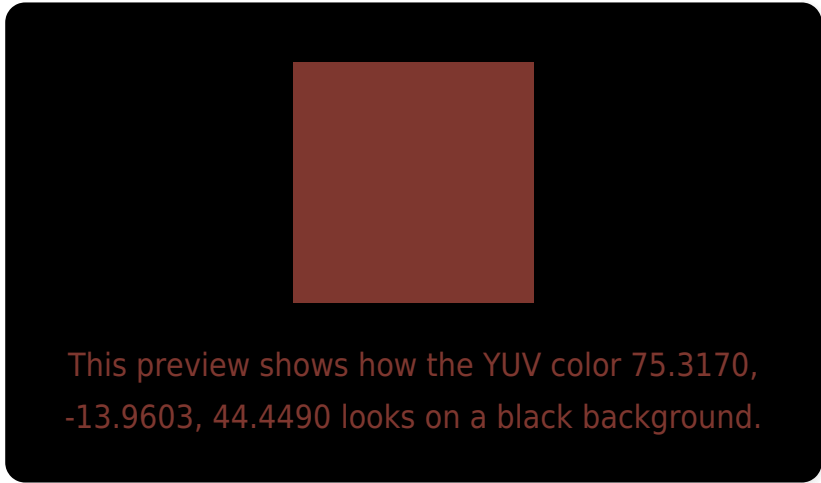
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.3170, -13.9603, 44.4490

Background



This preview shows how black text looks on a background with the YUV color 75.3170, -13.9603, 44.4490.



This preview shows how white text looks on a background with the YUV color 75.3170, -13.9603,

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

75.3170, -13.9603, 44.4490

Protanopia

76.9870, -10.3466, 5.2734

Deuteranopia

76.8590, -16.1995, 15.9097



Tritanopia

76.1690, -9.4503, 44.5788

Trichromacy



Original Color

75.3170, -13.9603, 44.4490

Protanomaly

76.7330, -11.7004, 19.5282

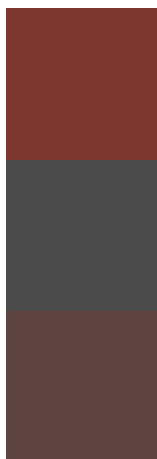
Deuteranomaly

76.1530, -15.3584, 26.1758

Tritanomaly

75.7130, -11.1975, 44.9787

Monochromacy



Original Color

75.3170, -13.9603, 44.4490

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4320, -5.1430, 16.2841

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3170, -13.9603, 44.4490 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(126, 55, 47)` looks like.

```
.text, #text, p{  
    color:rgb(126, 55, 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(126, 55, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 55, 47) }
```

Border

The CSS property to change the border of an element to YUV 75.3170, -13.9603, 44.4490 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(126, 55, 47) }
```


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

```
.border{ border-color:rgb(126, 55, 47) }
```

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

Here you see how a box with a 4 pixel rgb(126, 55, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 55, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 55, 47);  
box-shadow:4px 4px 4px 4px rgb(126, 55,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 75.3170, -13.9603, 44.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 55, 47) }
```

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

```
.background{ background-color: rgb(126, 55,  
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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