

Converting Colors

YUV(75.7690, -2.8441, 25.6356)

Have a look what the booklet for
YUV(75.7690, -2.8441, 25.6356)
contains.

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Color

**YUV(75.7690, -2.8441,
25.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	693E46
RGB	105, 62, 70
RGB Percent	41%, 24%, 27%
CMY	0.5882, 0.7569, 0.7255
CMYK	0.00, 0.41, 0.33, 0.59
HSL	349°, 26%, 33%
HSV	349°, 41%, 41%
XYZ	8.6538, 6.8907, 6.6683
YIQ	75.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

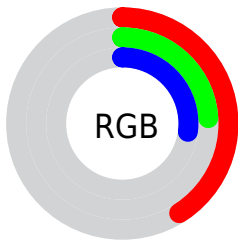
Format	Color
R_{YB}	105, 62, 70
Decimal	6897222
CIE Lab	31.56, 19.95, 3.16
CIE LCh	32, 20.199, 9.001
Yxy	6.8907, 0.3896, 0.3102
Android (android.graphics.Color)	4285087302 (0xFF693E46)
YUV	75.7690, -2.8441, 25.6356
Hunter-Lab	26.2501, 12.9078, 3.3138

Details

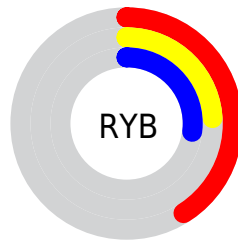
The YUV color **75.7690, -2.8441, 25.6356** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.2310, 2.8441, -25.6356**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2640, -3.5812, 28.7095**, and **30.3880, -1.6703, 22.4617** is the 20% darker color. If you saturate the color by 10%, you get **68.8730, -3.8814, 31.6834**, and if you desaturate by 10%, it is **83.2520, -2.0962, 19.0730**.

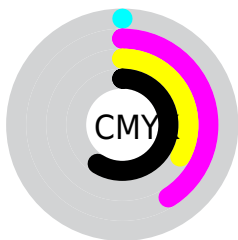
Distribution



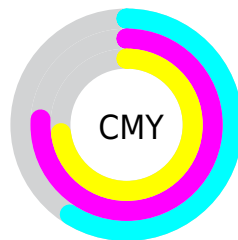
- Red (41%)
- Green (24%)
- Blue (27%)



- Red (41%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (59%)



- Cyan (59%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7690, -2.8441, 25.6356 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 75.7690, -2.8441, 25.6356 by changing the saturation by 10% instead.

■ 75.7690, -2.8441,
25.6356

■ 75.7690, -2.8441,
25.6356

■ 255.0000, 0.0000,
0.0000

■ 52.2850, -2.1125,
24.3061

■ 125.2640, -3.5812,
28.7095

■ 30.3880, -1.6703,
22.4617

■ 151.5630, -3.7286,
29.3242

■ 11.0630, -5.4541,
22.7467

■ 178.1610, -4.0234,
30.5538

■ 0.0000, 0.0000,
0.0000

■ 205.8730, -3.8814,
31.6834

■ 229.2740, -2.1071,
22.5617

■ 249.6030, 2.1677,

4.7332

■ 75.7690, -2.8441,
25.6356

■ 75.7690, -2.8441,
25.6356

■ 68.8730, -3.8814,
31.6834

■ 83.2520, -2.0962,
19.0730

■ 61.5040, -4.1925,
38.1460

■ 90.0340, -1.4958,
13.1252

■ 54.6080, -5.2297,
44.1938

■ 97.5170, -0.7479,
6.5626

■ 47.2390, -5.5408,
50.6564

■ 104.2990, -0.1474,
0.6148

■ 40.3430, -6.5781,
56.7042

■ 111.7820, 0.6005,
-5.9478

■ 33.6750, -6.7418,
62.5520

■ 118.5640, 1.2009,
-11.8956

■ 126.0470, 1.9488,
-18.4582

■ 132.8290, 2.5493,
-24.4060

■ 140.3120, 3.2972,
-30.9686

Harmonies

Analogous

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



76.6740, 4.5977, 18.7029



75.7690, -2.8441, 25.6356



74.6350, -9.6801, 24.8761

Triad

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



75.7690, -2.8441, 25.6356



70.7960, -10.7454, -6.8371



67.9820, 17.2639, -30.6792

Complementary

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



75.7690, -2.8441, 25.6356



91.2310, 2.8441, -25.6356

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.



62.4380, 15.5601, -44.2341



75.7690, -2.8441, 25.6356



68.0590, -2.9871, -21.9767

Square

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



75.7690, -2.8441, 25.6356



72.8470, -14.7146, 6.2732



64.3050, 7.2446, -37.1015



73.0490, 15.7518, -12.3210

Rectangle

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



75.7690, -2.8441, 25.6356



74.6900, -13.1582, 20.4429



64.3050, 7.2446, -37.1015



65.6500, 17.4276, -36.5270

Sweetspot

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



75.7690, -2.8441, 25.6356



126.4250, -1.1955, 10.1513



77.0680, 13.7705, 16.6034



62.2180, -0.6005, 5.9478



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



75.7690, -2.8441, 25.6356



91.8140, -4.3453, 40.5051



82.4880, -10.1006, 19.7430



49.9080, -0.4476, 3.5887



37.4910, -7.6371, 69.7294



78.4990, -16.0220, 146.0214

Inverse Universe

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



75.7690, -2.8441, 25.6356



91.8140, -4.3453, 40.5051



84.5120, 10.1006, -19.7430



49.9080, -0.4476, 3.5887



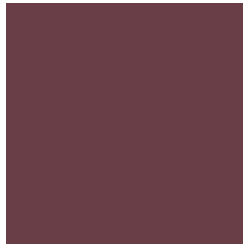
37.4910, -7.6371, 69.7294



78.4990, -16.0220, 146.0214

Previews

White Background



This preview shows how the YUV color 75.7690, -2.8441, 25.6356 looks on a white background.

Color Contrast Check

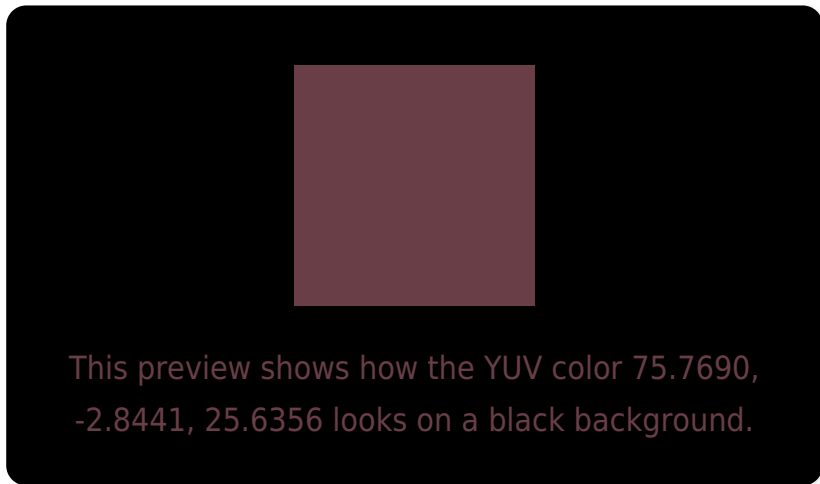
Large Text (above 18pt) WCAG AA ✓ Pass

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

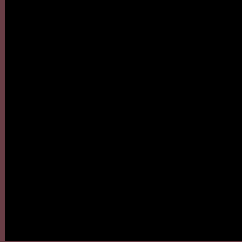
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7690, -2.8441, 25.6356

Background



This preview shows how black text looks on a background with the YUV color 75.7690, -2.8441, 25.6356.



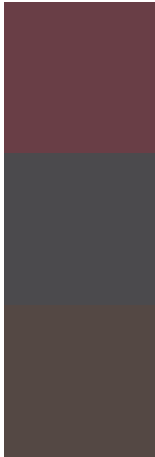
This preview shows how white text looks on a background with the YUV color 75.7690, -2.8441,

25.6356.

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

75.7690, -2.8441, 25.6356

Protanopia

74.6410, 1.1630, 0.3148

Deuteranopia

75.1320, -3.5161, 7.7772



Tritanopia

75.4270, -4.1545, 25.9355

Trichromacy



Original Color

75.7690, -2.8441, 25.6356

Protanomaly

75.2400, -0.6113, 9.4365

Deuteranomaly

75.2900, -3.1010, 14.6547

Tritanomaly

75.5410, -3.7177, 25.8355

Monochromacy



Original Color

75.7690, -2.8441, 25.6356

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1260, -1.0481, 9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7690, -2.8441, 25.6356 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(105, 62, 70)` looks like.

```
.text, #text, p{  
    color:rgb(105, 62, 70)  
}
```

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(105, 62, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 62, 70) }
```

Border

The CSS property to change the border of an element to YUV 75.7690, -2.8441, 25.6356 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(105, 62, 70) }
```


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

```
.border{ border-color:rgb(105, 62, 70) }
```

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

Here you see how a box with a 4 pixel rgb(105, 62, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 62, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 62, 70);  
box-shadow:4px 4px 4px 4px rgb(105, 62,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 75.7690, -2.8441, 25.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 62, 70) }
```

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

```
.background{ background-color: rgb(105, 62,  
70) }
```

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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