

Converting Colors

YUV(75.0770, -13.3490,
35.0125)

Have a look what the booklet for
YUV(75.0770, -13.3490, 35.0125)
contains.

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Color

**YUV(75.0770, -13.3490,
35.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	733C30
RGB	115, 60, 48
RGB Percent	45%, 24%, 19%
CMY	0.5490, 0.7647, 0.8118
CMYK	0.00, 0.48, 0.58, 0.55
HSL	11°, 41%, 32%
HSV	11°, 58%, 45%
XYZ	9.2196, 7.0900, 3.6789
YIQ	75.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

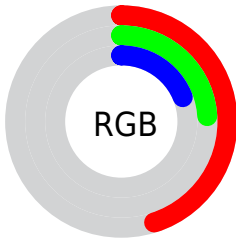
Format	Color
R_{YB}	115, 63, 48
Decimal	7552048
CIE Lab	32.01, 22.79, 18.12
CIE LCh	32, 29.117, 38.486
Yxy	7.0900, 0.4612, 0.3547
Android (android.graphics.Color)	4285742128 (0xFF733C30)
YUV	75.0770, -13.3490, 35.0125
Hunter-Lab	26.6270, 15.2084, 10.4472

Details

The YUV color **75.0770, -13.3490, 35.0125** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.9230, 13.3490, -35.0125**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9420, -15.2544, 39.5159**, and **27.7560, -13.1907, 30.9090** is the 20% darker color. If you saturate the color by 10%, you get **68.5400, -15.5492, 40.7454**, and if you desaturate by 10%, it is **81.7280, -10.7119, 29.1795**.

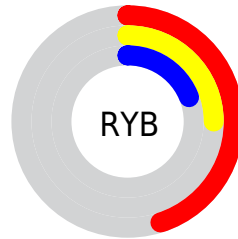
Distribution



Red (45%)

Green (24%)

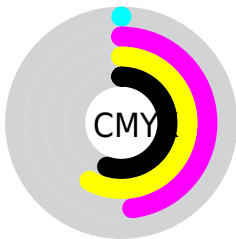
Blue (19%)



Red (45%)

Yellow (25%)

Blue (19%)

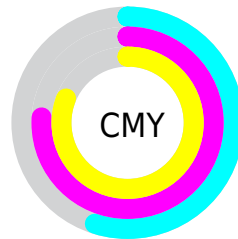


Cyan (0%)

Magenta (48%)

Yellow (58%)

Black (55%)



Cyan (55%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0770, -13.3490, 35.0125 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 75.0770, -13.3490, 35.0125 by changing the saturation by 10% instead.

■ 75.0770, -13.3490,
35.0125

■ 75.0770, -13.3490,
35.0125

■ 255.0000, 0.0000,
0.0000

■ 51.4080, -12.0331,
32.9682

■ 124.9420,
-15.2544, 39.5159

■ 27.7560, -13.1907,
30.9090

■ 151.4260,
-15.9860, 40.8454

■ 11.9600, -5.8963,
24.5911

■ 178.3230,
-16.4282, 42.6897

■ 0.0000, 0.0000,
0.0000

■ 206.0950,
-17.3018, 42.8897

■ 225.1360,
-12.8850, 26.1907

■ 245.3510, -9.0470,

8.4622

■ 75.0770, -13.3490,
35.0125

■ 75.0770, -13.3490,
35.0125

■ 68.5400, -15.5492,
40.7454

■ 81.7280, -10.7119,
29.1795

■ 61.3020, -17.8969,
47.0931

■ 88.8520, -8.8010,
22.9318

■ 54.6510, -20.5339,
52.9261

■ 95.5030, -6.1640,
17.0989

■ 47.5270, -22.4448,
59.1738

■ 102.6270, -4.2531,
10.8511

■ 46.7120, -23.0290,
59.8886

■ 109.2780, -1.6161,
5.0182

■ 116.4020, 0.2948,
-1.2296

■ 123.0530, 2.9319,
-7.0625

■ 130.1770, 4.8427,
-13.3102

■ 136.8280, 7.4798,
-19.1432

Harmonies

Analogous

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



76.1340, -3.0241, 36.7165



75.0770, -13.3490, 35.0125



74.0620, -20.7366, 24.5016

Triad

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



75.0770, -13.3490, 35.0125



64.2700, -3.0911, -35.3168



72.6440, 23.3465, -21.6128

Complementary

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



75.0770, -13.3490, 35.0125



87.9230, 13.3490, -35.0125

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.



61.4720, 27.3753, -53.9109



75.0770, -13.3490, 35.0125



60.3030, 10.2036, -52.8857

Square

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



75.0770, -13.3490, 35.0125



69.8080, -15.6813, -10.3556



62.2240, 20.1026, -54.5704



77.6970, 16.4184, 7.2817

Rectangle

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



75.0770, -13.3490, 35.0125



73.5400, -22.4512, 14.4354



62.2240, 20.1026, -54.5704



67.9520, 26.1527, -35.0379

Sweetspot

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



75.0770, -13.3490, 35.0125



134.8230, -4.8427, 13.3102



74.4170, 14.5844, 35.5913



67.5450, -3.2267, 8.2920



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.



75.0770, -13.3490, 35.0125



87.5480, -20.9762, 54.7704



94.4480, -22.8989, 18.0241



55.3810, -1.1738, 3.1739



49.3920, -24.3503, 63.6772



101.1650, -49.8743, 130.5283

Inverse Universe

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



87.9230, 13.3490, -35.0125



108.0390, 20.6868, -55.2852



68.5520, 22.8989, -18.0241



56.6190, 1.1738, -3.1739



72.6080, 24.3503, -63.6772



148.8350, 49.8743, -130.5283

Previews

White Background



This preview shows how the YUV color 75.0770, -13.3490, 35.0125 looks on a white background.

Color Contrast Check

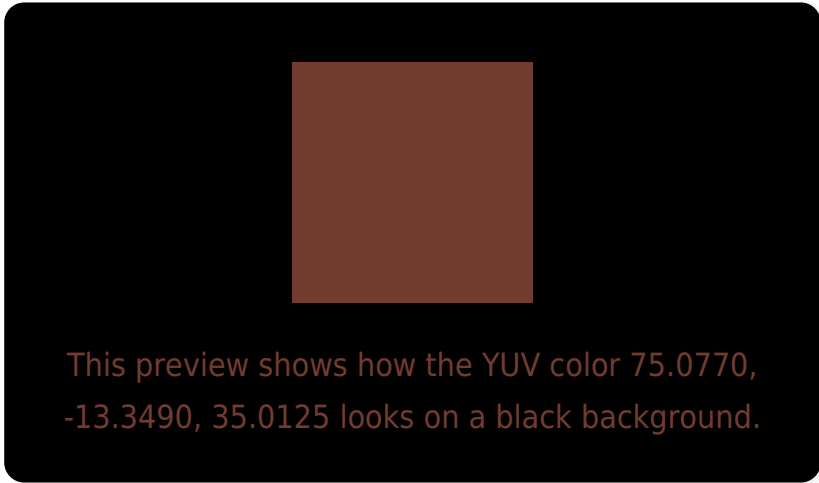
Large Text (above 18pt) WCAG AA ✓ Pass

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

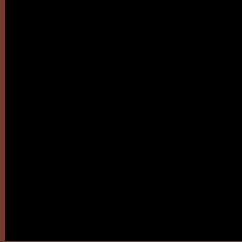
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.0770, -13.3490, 35.0125

Background



This preview shows how black text looks on a background with the YUV color 75.0770, -13.3490, 35.0125.

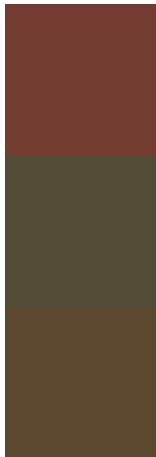


This preview shows how white text looks on a background with the YUV color 75.0770, -13.3490,

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

75.0770, -13.3490, 35.0125

Protanopia

75.2860, -10.4940, 5.8882

Deuteranopia

75.0160, -14.3049, 14.8950



Tritanopia

75.7980, -6.8024, 35.2572

Trichromacy



Original Color

75.0770, -13.3490, 35.0125

Protanomaly

75.1240, -11.4001, 16.5543

Deuteranomaly

75.1740, -13.8898, 21.7724

Tritanomaly

75.8150, -9.2758, 35.2422

Monochromacy



Original Color

75.0770, -13.3490, 35.0125

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4100, -5.1321, 12.7954

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0770, -13.3490, 35.0125 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(115, 60, 48)` looks like.

```
.text, #text, p{  
    color:rgb(115, 60, 48)  
}
```

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(115, 60, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 60, 48) }
```

Border

The CSS property to change the border of an element to YUV 75.0770, -13.3490, 35.0125 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(115, 60, 48) }
```


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

```
.border{ border-color:rgb(115, 60, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 60, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 60, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 60, 48);  
box-shadow:4px 4px 4px 4px rgb(115, 60,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 75.0770, -13.3490, 35.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 60, 48) }
```

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

```
.background{ background-color: rgb(115, 60,  
48) }
```

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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