

Converting Colors

YUV(88.0770, -13.3490,
35.0125)

Have a look what the booklet for
YUV(88.0770, -13.3490, 35.0125)
contains.

YUV(88.0770, -13.3490, 35.0125)	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(88.0770, -13.3490,
35.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	80493D
RGB	128, 73, 61
RGB Percent	50%, 29%, 24%
CMY	0.4980, 0.7137, 0.7608
CMYK	0.00, 0.43, 0.52, 0.50
HSL	11°, 35%, 37%
HSV	11°, 52%, 50%
XYZ	12.1269, 9.6912, 5.6463
YIQ	88.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

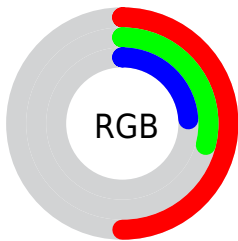
Format	Color
R_{YB}	128, 76, 61
Decimal	8407357
CIE _{Lab}	37.28, 22.05, 17.28
CIE _{LCh}	37, 28.016, 38.094
Yxy	9.6912, 0.4416, 0.3529
Android (android.graphics.Color)	4286597437 (0xFF80493D)
YUV	88.0770, -13.3490, 35.0125
Hunter-Lab	31.1307, 15.0558, 11.0378

Details

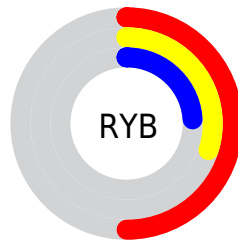
The YUV color **88.0770, -13.3490, 35.0125** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.9230, 13.3490, -35.0125**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7570, -14.6702, 38.8011**, and **40.4400, -10.5699, 30.3091** is the 20% darker color. If you saturate the color by 10%, you get **80.1380, -15.8440, 41.9750**, and if you desaturate by 10%, it is **96.0160, -10.8539, 28.0500**.

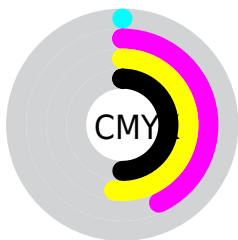
Distribution



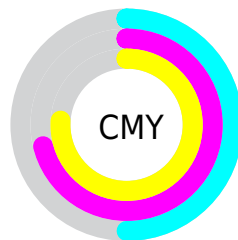
- Red (50%)
- Green (29%)
- Blue (24%)



- Red (50%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (43%)
- Yellow (52%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0770, -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 88.0770, -13.3490, 35.0125 by changing the saturation by 10% instead.

88.0770, -13.3490,
35.0125

88.0770, -13.3490,
35.0125

255.0000, 0.0000,
0.0000

63.9950, -12.3225,
32.4534

138.7570,
-14.6702, 38.8011

40.4400, -10.5699,
30.3091

165.5400,
-15.5492, 40.7454

18.1840, -8.9647,
28.7796

193.0240,
-16.2808, 42.0750

6.5780, -3.2430,
13.5251

216.7240,
-14.6539, 33.5681

0.0000, 0.0000,
0.0000

236.3520,
-10.5265, 16.3543

253.6320, -5.2416,

1.1997

■ 88.0770, -13.3490,
35.0125

■ 88.0770, -13.3490,
35.0125

■ 80.1380, -15.8440,
41.9750

■ 96.0160, -10.8539,
28.0500

■ 72.7860, -18.6285,
48.4227

■ 103.3680, -8.0694,
21.6023

■ 64.9610, -20.6868,
55.2852

■ 111.1930, -6.0111,
14.7397

■ 57.6090, -23.4712,
61.7329

■ 118.5450, -3.2267,
8.2920

■ 51.7730, -25.5241,
66.8511

■ 126.4840, -0.7316,
1.3295

■ 133.8360, 2.0529,
-5.1182

■ 141.7750, 4.5479,
-12.0807

■ 149.0130, 6.8956,
-18.4284

■ 156.9520, 9.3907,
-25.3909

Harmonies

Analogous

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



89.0200, -3.4609, 36.8165



88.0770, -13.3490, 35.0125



87.1760, -20.2998, 24.4016

Triad

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



88.0770, -13.3490, 35.0125



77.7650, -3.8281, -32.2429



85.5410, 22.9043, -19.7685

Complementary

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



88.0770, -13.3490, 35.0125



100.9230, 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.



70.4710, 28.8548, -61.8031



88.0770, -13.3490, 35.0125



68.7150, 11.9725, -60.2631

Square

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



88.0770, -13.3490, 35.0125



82.5200, -15.5394, -9.2260



70.6360, 21.8715, -61.9478



89.6970, 16.4184, 7.2817

Rectangle

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



88.0770, -13.3490, 35.0125



86.0670, -21.7250, 14.8502



70.6360, 21.8715, -61.9478



82.3440, 24.9734, -30.1197

Sweetspot

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



88.0770, -13.3490, 35.0125



150.0080, -5.4269, 14.0250



87.4170, 14.5844, 35.5913



74.5450, -3.2267, 8.2920



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



88.0770, -13.3490, 35.0125



103.5480, -20.9762, 54.7704



107.4480, -22.8989, 18.0241



60.2670, -1.6106, 3.2738



51.7730, -25.5241, 66.8511



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.9230, 13.3490, -35.0125



123.4520, 20.9762, -54.7704



81.5520, 22.8989, -18.0241



61.3200, 1.3212, -3.7886



76.2270, 25.5241, -66.8511



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.0770, -13.3490, 35.0125 looks on a white background.

Color Contrast Check

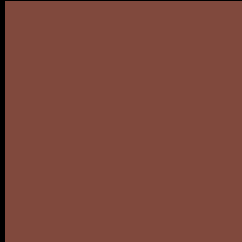
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 88.0770, -13.3490, 35.0125 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 88.0770, -13.3490, 35.0125

Background



This preview shows how black text looks on a background with the YUV color 88.0770, -13.3490, 35.0125.



This preview shows how white text looks on a background with the YUV color 88.0770, -13.3490,

35.0125.

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

88.0770, -13.3490, 35.0125

Protanopia

87.5140, -9.6204, 5.6882

Deuteranopia

87.7280, -14.1629, 16.0245



Tritanopia

88.9120, -6.3656, 35.1572

Trichromacy



Original Color

88.0770, -13.3490, 35.0125

Protanomaly

87.8250, -11.2527, 15.9395

Deuteranomaly

87.8860, -13.7478, 22.9020

Tritanomaly

88.9290, -8.8390, 35.1423

Monochromacy



Original Color

88.0770, -13.3490, 35.0125

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.4100, -5.1321, 12.7954

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0770, -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(128, 73, 61)` looks like.

```
.text, #text, p{  
    color:rgb(128, 73, 61)  
}
```

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(128, 73, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 73, 61) }
```

Border

The CSS property to change the border of an element to YUV 88.0770, -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(128, 73, 61) }
```


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

```
.border{ border-color:rgb(128, 73, 61) }
```

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

Here you see how a box with a 4 pixel rgb(128, 73, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 73, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 73, 61);  
box-shadow:4px 4px 4px 4px rgb(128, 73,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 88.0770, -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(128, 73, 61) }
```

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

```
.background{ background-color: rgb(128, 73,  
61) }
```

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