

Converting Colors

YUV(88.0420, -10.3737,
13.9952)

Have a look what the booklet for
YUV(88.0420, -10.3737, 13.9952)
contains.

YUV(88.0420, -10.3737, 13.9952)	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(88.0420, -10.3737,
13.9952)**

Conversions

Conversions Part 1

Format	Color
Hex	685443
RGB	104, 84, 67
RGB Percent	41%, 33%, 26%
CMY	0.5922, 0.6706, 0.7373
CMYK	0.00, 0.19, 0.36, 0.59
HSL	28°, 22%, 34%
HSV	28°, 36%, 41%
XYZ	9.8924, 9.6890, 6.6590
YIQ	88.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

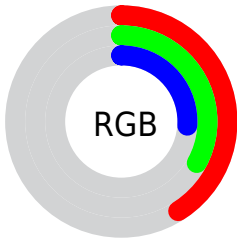
Format	Color
R_{YB}	104, 98, 67
Decimal	6837315
CIE Lab	37.28, 5.54, 13.06
CIE LCh	37, 14.190, 66.998
Yxy	9.6890, 0.3770, 0.3692
Android (android.graphics.Color)	4285027395 (0xFF685443)
YUV	88.0420, -10.3737, 13.9952
Hunter-Lab	31.1271, 2.2559, 9.1052




Details

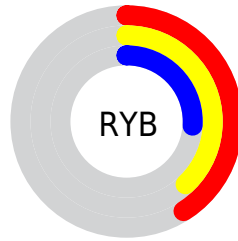
The YUV color **88.0420, -10.3737, 13.9952** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.9580, 10.3737, -13.9952**, and the grayscale version is **88.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **138.4120, -11.5421, 15.4247**, and **42.3730, -9.0579, 11.9509** is the 20% darker color. If you saturate the color by 10%, you get **83.3800, -13.0053, 18.0837**, and if you desaturate by 10%, it is **92.7040, -7.7421, 9.9066**.

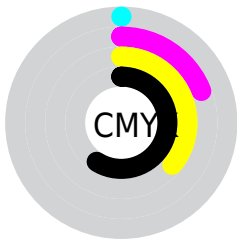
Distribution







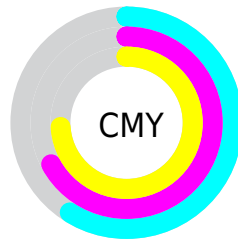
-  Red (41%)
-  Green (33%)
-  Blue (26%)






-  Red (41%)
-  Yellow (38%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (36%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (67%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0420, -10.3737, 13.9952 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 88.0420, -10.3737, 13.9952 by changing the saturation by 10% instead.

■ 88.0420, -10.3737,
13.9952

■ 88.0420, -10.3737,
13.9952

■ 255.0000, 0.0000,
0.0000

■ 64.5580, -9.6421,
12.6656

■ 138.4120,
-11.5421, 15.4247

■ 42.3730, -9.0579,
11.9509

■ 164.7110,
-11.6895, 16.0395

■ 21.6180, -10.6577,
11.7360

■ 191.8960,
-12.2737, 16.7542

■ 0.0000, 0.0000,
0.0000

■ 219.1950,
-12.4211, 17.3690

■ 244.1940,
-10.9416, 9.4769

■ 254.5440, -1.7472,

0.3999

■ 88.0420, -10.3737,
13.9952

■ 88.0420, -10.3737,
13.9952

■ 83.3800, -13.0053,
18.0837

■ 92.7040, -7.7421,
9.9066

■ 79.1910, -16.3632,
21.7575

■ 96.8930, -4.3842,
6.2328

■ 74.5290, -18.9948,
25.8461

■ 101.5550, -1.7526,
2.1443

■ 70.3400, -22.3526,
29.5198

■ 105.7440, 1.6052,
-1.5295

■ 65.6780, -24.9843,
33.6084

■ 110.4060, 4.2368,
-5.6181

■ 61.0160, -27.6159,
37.6970

■ 115.0680, 6.8685,
-9.7066

■ 59.2720, -29.2211,
39.2265

■ 119.2570, 10.2263,
-13.3804

■ 123.9190, 12.8579,
-17.4690

■ 128.6950, 15.9264,
-21.6575

Harmonies

Analogous

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



88.8730, -7.3324, 18.5284



88.0420, -10.3737, 13.9952



87.1720, -10.9308, 5.9882

Triad

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



88.0420, -10.3737, 13.9952



82.7800, 3.5595, -21.7321



89.1990, 8.2829, 3.3335

Complementary

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



88.0420, -10.3737, 13.9952



82.9580, 10.3737, -13.9952

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.



87.5180, 11.0836, -8.3473



88.0420, -10.3737, 13.9952



83.1370, 8.8065, -24.6761

Square

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



88.0420, -10.3737, 13.9952



83.8150, -2.8668, -13.8698



84.5660, 11.5530, -18.9134



90.0000, 3.4510, 13.1550

Rectangle

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



88.0420, -10.3737, 13.9952



85.8830, -9.3093, -0.7744



84.5660, 11.5530, -18.9134



88.5190, 9.6041, -0.4552

Sweetspot

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



88.0420, -10.3737, 13.9952



128.5940, -4.2368, 5.6181



80.3430, 3.2819, 20.7472



65.0390, -2.4842, 3.4738



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.



88.0420, -10.3737, 13.9952



110.1910, -16.3632, 21.7575



98.6080, -15.5827, 4.7288



48.6690, -1.3158, 2.0443



65.4960, -32.2895, 43.4150



137.5150, -67.7949, 91.6333

Inverse Universe

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



82.9580, 10.3737, -13.9952



101.8090, 16.3632, -21.7575



72.3920, 15.5827, -4.7288



48.3310, 1.3158, -2.0443



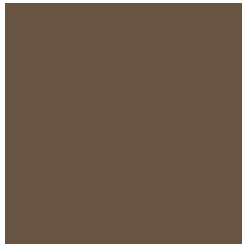
49.5040, 32.2895, -43.4150



104.4850, 67.7949, -91.6333

Previews

White Background



This preview shows how the YUV color 88.0420, -10.3737, 13.9952 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 88.0420, -10.3737, 13.9952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

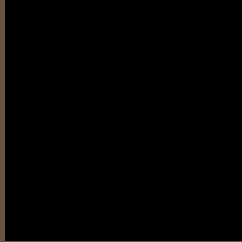
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.0420, -10.3737, 13.9952

Background



This preview shows how black text looks on a background with the YUV color 88.0420, -10.3737, 13.9952.

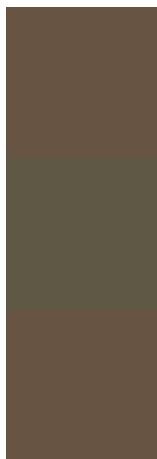


This preview shows how white text looks on a background with the YUV color 88.0420, -10.3737,

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

88.0420, -10.3737, 13.9952

Protanopia

87.6280, -9.1836, 5.5882

Deuteranopia

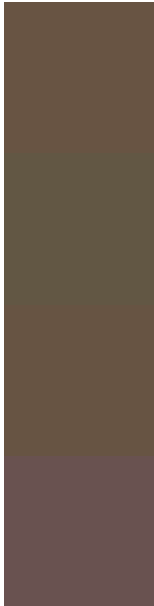
87.7430, -10.2263, 13.3804



Tritanopia

89.1590, -1.0644, 14.7696

Trichromacy



Original Color

88.0420, -10.3737, 13.9952

Protanomaly

88.1230, -9.9206, 8.6621

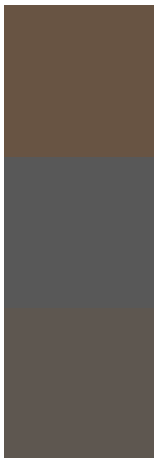
Deuteranomaly

87.7430, -10.2263, 13.3804

Tritanomaly

88.6490, -4.2640, 14.3398

Monochromacy



Original Color

88.0420, -10.3737, 13.9952

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2950, -4.0894, 5.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0420, -10.3737, 13.9952 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(104, 84, 67)` looks like.

```
.text, #text, p{  
    color:rgb(104, 84, 67)  
}
```

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(104, 84, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 84, 67) }
```

Border

The CSS property to change the border of an element to YUV 88.0420, -10.3737, 13.9952 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(104, 84, 67) }
```


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

```
.border{ border-color:rgb(104, 84, 67) }
```

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

Here you see how a box with a 4 pixel rgb(104, 84, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 84, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 84, 67);  
box-shadow:4px 4px 4px 4px rgb(104, 84,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 88.0420, -10.3737, 13.9952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 84, 67) }
```

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

```
.background{ background-color: rgb(104, 84,  
67) }
```

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