

Converting Colors

YUV(88.1300, -13.8681,
14.7950)

Have a look what the booklet for
YUV(88.1300, -13.8681, 14.7950)
contains.

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Color

**YUV(88.1300, -13.8681,
14.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	69553C
RGB	105, 85, 60
RGB Percent	41%, 33%, 24%
CMY	0.5882, 0.6667, 0.7647
CMYK	0.00, 0.19, 0.43, 0.59
HSL	33°, 27%, 32%
HSV	33°, 43%, 41%
XYZ	9.8898, 9.8265, 5.6504
YIQ	88.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

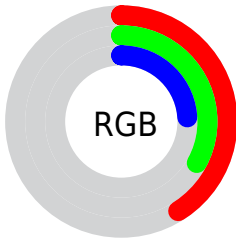
Format	Color
RYB	96, 105, 60
Decimal	6903100
CIELab	37.53, 4.44, 17.69
CIELCh	38, 18.241, 75.903
Yxy	9.8265, 0.3899, 0.3874
Android (android.graphics.Color)	4285093180 (0xFF69553C)
YUV	88.1300, -13.8681, 14.7950
Hunter-Lab	31.3473, 1.4576, 11.2559

Details

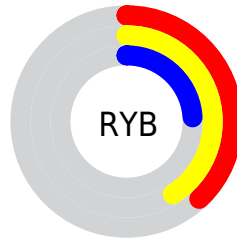
The YUV color **88.1300, -13.8681, 14.7950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **76.8700, 13.8681, -14.7950**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5000, -15.0365, 16.2245**, and **42.1620, -12.4049, 12.1359** is the 20% darker color. If you saturate the color by 10%, you get **83.9410, -17.2259, 18.4687**, and if you desaturate by 10%, it is **92.3190, -10.5103, 11.1212**.

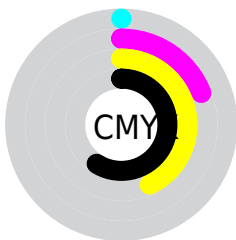
Distribution



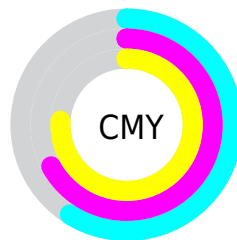
- Red (41%)
- Green (33%)
- Blue (24%)



- Red (38%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (59%)



- Cyan (59%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1300, -13.8681, 14.7950 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 88.1300, -13.8681, 14.7950 by changing the saturation by 10% instead.

■ 88.1300, -13.8681,
14.7950

■ 88.1300, -13.8681,
14.7950

■ 255.0000, 0.0000,
0.0000

■ 64.6460, -13.1365,
13.4655

■ 138.5000,
-15.0365, 16.2245

■ 42.1620, -12.4049,
12.1359

■ 164.9840,
-15.7681, 17.5540

■ 22.2050, -10.9471,
11.2212

■ 192.1690,
-16.3523, 18.2688

■ 0.0000, 0.0000,
0.0000

■ 219.4680,
-16.4997, 18.8836

■ 243.8690,
-14.7254, 9.7619

■ 253.5180, -5.6784,

1.2997

■ 88.1300, -13.8681,
14.7950

■ 88.1300, -13.8681,
14.7950

■ 83.9410, -17.2259,
18.4687

■ 92.3190, -10.5103,
11.1212

■ 80.4530, -20.4363,
21.5277

■ 95.8070, -7.2999,
8.0623

■ 76.2640, -23.7942,
25.2015

■ 99.9960, -3.9420,
4.3885

■ 72.1890, -26.7152,
28.7752

■ 104.0710, -1.0210,
0.8147

■ 68.5870, -30.3624,
31.9342

■ 107.6730, 2.6262,
-2.3442

■ 65.4410, -32.2624,
34.6932

■ 111.7480, 5.5472,
-5.9180

■ 115.8230, 8.4683,
-9.4918

■ 119.4250, 12.1155,
-12.6507

■ 123.6140, 15.4733,
-16.3245

Harmonies

Analogous

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



89.0970, -10.4008, 22.7169



88.1300, -13.8681, 14.7950



86.8790, -13.2513, 3.6141

Triad

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



88.1300, -13.8681, 14.7950



80.4520, 7.6652, -31.9684



90.4600, 9.1402, 8.3666

Complementary

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



88.1300, -13.8681, 14.7950



76.8700, 13.8681, -14.7950

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.



88.5120, 13.5516, -6.5880



88.1300, -13.8681, 14.7950



81.3470, 13.6329, -32.7533

Square

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



88.1300, -13.8681, 14.7950



82.6290, -0.8031, -22.4766



84.8690, 15.3476, -22.6871



90.5170, 2.7031, 19.7176

Rectangle

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



88.1300, -13.8681, 14.7950



85.8070, -10.7509, -5.0927



84.8690, 15.3476, -22.6871



90.1820, 10.7563, 3.3484

Sweetspot

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



88.1300, -13.8681, 14.7950



131.2520, -5.5472, 5.9180



75.7350, 2.1026, 25.6654



64.8110, -3.3578, 3.6738



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.



88.1300, -13.8681, 14.7950



111.1220, -21.7521, 23.5720



99.2720, -19.3611, 3.2695



51.5550, -1.7526, 2.1443



73.1380, -36.0570, 38.4670



153.0870, -75.4719, 80.6077

Inverse Universe

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



76.8700, 13.8681, -14.7950



93.8780, 21.7521, -23.5720



65.7280, 19.3611, -3.2695



50.4450, 1.7526, -2.1443



43.8620, 36.0570, -38.4670



91.9130, 75.4719, -80.6077

Previews

White Background



This preview shows how the YUV color 88.1300, -13.8681, 14.7950 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 88.1300, -13.8681, 14.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

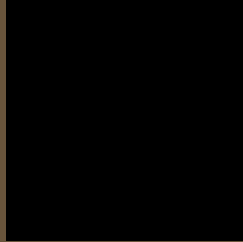
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1300, -13.8681, 14.7950

Background



This preview shows how black text looks on a background with the YUV color 88.1300, -13.8681, 14.7950.

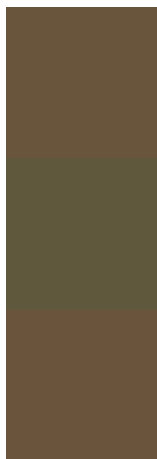


This preview shows how white text looks on a background with the YUV color 88.1300, -13.8681,

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

88.1300, -13.8681, 14.7950

Protanopia

87.3140, -12.9728, 7.6176

Deuteranopia

88.4290, -14.0155, 15.4098



Tritanopia

89.8710, -0.9224, 15.8991

Trichromacy



Original Color

88.1300, -13.8681, 14.7950

Protanomaly

87.6240, -13.1256, 9.9768

Deuteranomaly

88.4290, -14.0155, 15.4098

Tritanomaly

89.0190, -5.4324, 15.7693

Monochromacy



Original Color

88.1300, -13.8681, 14.7950

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0670, -4.9630, 5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1300, -13.8681, 14.7950 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, 85, 60)` looks like.

```
.text, #text, p{  
    color:rgb(105, 85, 60)  
}
```

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, 85, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 85, 60) }
```

Border

The CSS property to change the border of an element to YUV 88.1300, -13.8681, 14.7950 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, 85, 60) }
```


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

```
.border{ border-color:rgb(105, 85, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 85, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 85, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 85, 60);  
box-shadow:4px 4px 4px 4px rgb(105, 85,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 88.1300, -13.8681, 14.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 85, 60) }
```

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

```
.background{ background-color: rgb(105, 85,  
60) }
```

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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