

Converting Colors

YUV(85.8420, -13.7261,
15.9246)

Have a look what the booklet for
YUV(85.8420, -13.7261, 15.9246)
contains.

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Color

**YUV(85.8420, -13.7261,
15.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	68523A
RGB	104, 82, 58
RGB Percent	41%, 32%, 23%
CMY	0.5922, 0.6784, 0.7725
CMYK	0.00, 0.21, 0.44, 0.59
HSL	31°, 28%, 32%
HSV	31°, 44%, 41%
XYZ	9.4899, 9.2831, 5.2946
YIQ	85.8420, 20.8160, -2.8000

Conversions

Conversions Part 2

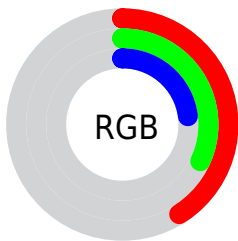
Format	Color
R_{YB}	100, 104, 58
Decimal	6836794
CIE _{Lab}	36.52, 5.56, 17.56
CIE _{LCh}	37, 18.419, 72.419
Yxy	9.2831, 0.3943, 0.3857
Android (android.graphics.Color)	4285026874 (0xFF68523A)
YUV	85.8420, -13.7261, 15.9246
Hunter-Lab	30.4682, 2.2780, 11.0246

Details

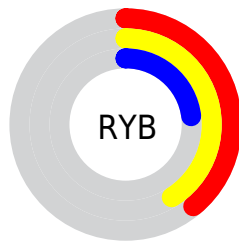
The YUV color **85.8420, -13.7261, 15.9246** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **76.1580, 13.7261, -15.9246**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5110, -15.0419, 17.9689**, and **39.8740, -12.2629, 13.2655** is the 20% darker color. If you saturate the color by 10%, you get **81.7670, -16.6471, 19.4983**, and if you desaturate by 10%, it is **89.9170, -10.8051, 12.3508**.

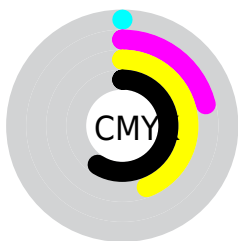
Distribution



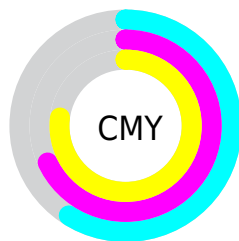
- Red (41%)
- Green (32%)
- Blue (23%)



- Red (39%)
- Yellow (41%)
- Blue (23%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (59%)



- Cyan (59%)
- Magenta (68%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8420, -13.7261, 15.9246 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 85.8420, -13.7261, 15.9246 by changing the saturation by 10% instead.

■ 85.8420, -13.7261,
15.9246

■ 85.8420, -13.7261,
15.9246

■ 255.0000, 0.0000,
0.0000

■ 62.3580, -12.9945,
14.5950

■ 135.5110,
-15.0419, 17.9689

■ 39.8740, -12.2629,
13.2655

■ 162.1090,
-15.3367, 19.1984

■ 19.8460, -9.7841,
11.5361

■ 189.2940,
-15.9209, 19.9132

■ 0.0000, 0.0000,
0.0000

■ 217.1800,
-16.3577, 20.0131

■ 241.1790,
-14.8782, 12.1210

■ 253.2900, -6.5520,

1.4997

■ 85.8420, -13.7261,
15.9246

■ 85.8420, -13.7261,
15.9246

■ 81.7670, -16.6471,
19.4983

■ 89.9170, -10.8051,
12.3508

■ 77.5780, -20.0050,
23.1721

■ 94.1060, -7.4473,
8.6770

■ 73.5030, -22.9260,
26.7459

■ 98.1810, -4.5262,
5.1033

■ 69.3140, -26.2838,
30.4196

■ 102.3700, -1.1684,
1.4295

■ 65.2390, -29.2048,
33.9934

■ 106.4450, 1.7526,
-2.1443

■ 62.7940, -30.9574,
36.1377

■ 110.5200, 4.6736,
-5.7180

■ 114.7090, 8.0315,
-9.3918

■ 118.7840, 10.9525,
-12.9656

■ 122.9730, 14.3103,
-16.6393

Harmonies

Analogous

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



86.6240, -9.6746, 23.1318



85.8420, -13.7261, 15.9246



84.4770, -13.5462, 4.8437

Triad

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



85.8420, -13.7261, 15.9246



78.2240, 6.7916, -31.7684



87.9760, 9.8718, 7.0370

Complementary

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



85.8420, -13.7261, 15.9246



76.1580, 13.7261, -15.9246

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.



85.7290, 14.4306, -8.5323



85.8420, -13.7261, 15.9246



78.2220, 13.2016, -34.3977

Square

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



85.8420, -13.7261, 15.9246



80.1130, -1.5347, -21.1471



81.9720, 15.7898, -24.5314



88.3320, 3.2873, 19.0028

Rectangle

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



85.8420, -13.7261, 15.9246



83.4050, -11.0457, -3.8632



81.9720, 15.7898, -24.5314



87.6980, 11.4879, 2.0189

Sweetspot

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



85.8420, -13.7261, 15.9246



128.3660, -5.1104, 5.8180



74.2620, 2.8288, 26.0802



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.



85.8420, -13.7261, 15.9246



106.9480, -21.1734, 24.6016



98.4570, -19.9453, 3.9842



49.2560, -1.6052, 1.5295



69.6050, -34.3153, 39.8114



146.3200, -72.1358, 83.9114

Inverse Universe

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



76.1580, 13.7261, -15.9246



92.0520, 21.1734, -24.6016



63.5430, 19.9453, -3.9842



47.7440, 1.6052, -1.5295



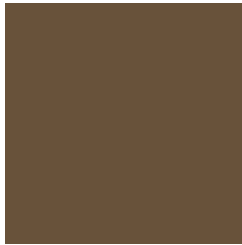
45.3950, 34.3153, -39.8114



95.6800, 72.1358, -83.9114

Previews

White Background



This preview shows how the YUV color 85.8420, -13.7261, 15.9246 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 85.8420, -13.7261, 15.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

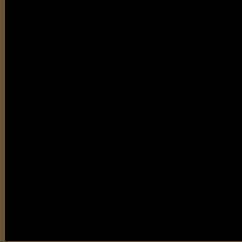
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8420, -13.7261, 15.9246

Background



This preview shows how black text looks on a background with the YUV color 85.8420, -13.7261, 15.9246.



This preview shows how white text looks on a background with the YUV color 85.8420, -13.7261,

15.9246.

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

85.8420, -13.7261, 15.9246

Protanopia

85.1290, -12.3886, 6.9029

Deuteranopia

85.5430, -13.5787, 15.3098



Tritanopia

88.0560, -1.5066, 16.6139

Trichromacy



Original Color

85.8420, -13.7261, 15.9246

Protanomaly

85.6240, -13.1256, 9.9768

Deuteranomaly

85.5430, -13.5787, 15.3098

Tritanomaly

87.2040, -6.0166, 16.4841

Monochromacy



Original Color

85.8420, -13.7261, 15.9246

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8420, -13.7261, 15.9246 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, 82, 58)` looks like.

```
.text, #text, p{  
    color:rgb(104, 82, 58)  
}
```

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, 82, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 82, 58) }
```

Border

The CSS property to change the border of an element to YUV 85.8420, -13.7261, 15.9246 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, 82, 58) }
```


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

```
.border{ border-color:rgb(104, 82, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 82, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 82, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 82, 58);  
box-shadow:4px 4px 4px 4px rgb(104, 82,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 85.8420, -13.7261, 15.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 82, 58) }
```

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

```
.background{ background-color: rgb(104, 82,  
58) }
```

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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