

Converting Colors

YUV(85.3250, 3.7838, -0.2850)

Have a look what the booklet for
YUV(85.3250, 3.7838, -0.2850)
contains.

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Color

**YUV(85.3250, 3.7838,
-0.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	55545D
RGB	85, 84, 93
RGB Percent	33%, 33%, 36%
CMY	0.6667, 0.6706, 0.6353
CMYK	0.09, 0.10, 0.00, 0.64
HSL	247°, 5%, 35%
HSV	247°, 10%, 36%
XYZ	8.8924, 9.0623, 11.6364
YIQ	85.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

Format	Color
R_{YB}	85, 84, 93
Decimal	5592157
CIE Lab	36.10, 2.40, -5.08
CIE LCh	36, 5.615, 295.296
Yxy	9.0623, 0.3005, 0.3062
Android (android.graphics.Color)	4283782237 (0xFF55545D)
YUV	85.3250, 3.7838, -0.2850
Hunter-Lab	30.1036, 0.0466, -1.8458

Details

The YUV color **85.3250, 3.7838, -0.2850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.6750, -3.7838, 0.2850**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7380, 4.0732, 0.2298**, and **40.2110, 3.3470, -0.1850** is the 20% darker color. If you saturate the color by 10%, you get **77.6500, 7.5675, -0.5701**, and if you desaturate by 10%, it is **93.0000, 0.0000, 0.0000**.

Distribution



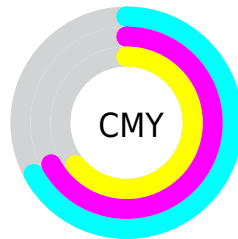
- Red (33%)
- Green (33%)
- Blue (36%)



- Red (33%)
- Yellow (33%)
- Blue (36%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (64%)



- Cyan (67%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3250, 3.7838, -0.2850 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 85.3250, 3.7838, -0.2850 by changing the saturation by 10% instead.

■ 85.3250, 3.7838,
-0.2850

■ 85.3250, 3.7838,
-0.2850

■ 255.0000, 0.0000,
0.0000

■ 62.2110, 3.3470,
-0.1850

■ 134.7380, 4.0732,
0.2298

■ 40.2110, 3.3470,
-0.1850

■ 161.4390, 4.2206,
-0.3850

■ 20.0970, 2.9102,
-0.0851

■ 188.4390, 4.2206,
-0.3850

■ 0.0000, 0.0000,
0.0000

■ 215.8520, 4.5100,
0.1298

■ 244.5530, 4.6574,
-0.4850

■ 85.3250, 3.7838,
-0.2850

■ 85.3250, 3.7838,
-0.2850

■ 77.6500, 7.5675,
-0.5701

■ 93.0000, 0.0000,
0.0000

■ 69.0890, 11.7881,
-0.9551

■ 101.5610, -4.2206,
0.3850

■ 61.4140, 15.5719,
-1.2401

■ 109.2360, -8.0043,
0.6700

■ 53.7390, 19.3557,
-1.5251

■ 116.9110,
-11.7881, 0.9551

■ 46.0640, 23.1394,
-1.8101

■ 125.1730,
-15.8613, 0.7253

■ 37.5030, 27.3600,
-2.1951

■ 133.1470,
-19.7925, 1.6251

■ 29.8280, 31.1438,
-2.4802

■ 140.8220,
-23.5762, 1.9101

■ 22.1530, 34.9276,

■ 148.4970,

-2.7652

-27.3600, 2.1951

■ 13.8910, 39.0007,
-2.5354

■ 156.7590,
-31.4332, 1.9654

Harmonies

Analogous

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



84.8190, 4.5262, -5.1033



85.3250, 3.7838, -0.2850



85.8910, 2.0257, 3.6036

Triad

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



85.3250, 3.7838, -0.2850



85.4200, -3.6581, 6.6477



83.6570, 0.1691, -7.5922

Complementary

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



85.3250, 3.7838, -0.2850



91.6750, -3.7838, 0.2850

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.



83.8100, -1.8783, -4.2184



85.3250, 3.7838, -0.2850



84.5830, -4.2314, 3.8737

Square

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



85.3250, 3.7838, -0.2850



85.7730, -2.3531, 8.0921



84.3760, -3.6364, -0.3298



83.9280, 2.5005, -8.7069

Rectangle

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



85.3250, 3.7838, -0.2850



85.8590, 0.5625, 6.2627



84.3760, -3.6364, -0.3298



83.1410, -0.5625, -6.2627

Sweetspot

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



85.3250, 3.7838, -0.2850



116.7550, 1.5998, 0.2149



89.7220, 1.6161, -5.0182



59.2280, 0.8736, -0.2000



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



85.3250, 3.7838, -0.2850



107.3080, 6.2572, -0.2701



86.5210, 3.1941, 2.1741



41.8690, 2.0366, 0.1149



16.1280, 46.2789, -3.6203



34.7920, 99.6885, -7.7106

Inverse Universe

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



87.6030, 2.1677, 4.7332



110.9670, 3.4673, 7.9219



90.4790, -3.1941, -2.1741



42.9510, 1.0102, 2.6740



43.9480, 26.1546, 57.9276



94.9170, 57.2289, 124.6068

Previews

White Background



This preview shows how the YUV color 85.3250, 3.7838, -0.2850 looks on a white background.

Color Contrast Check

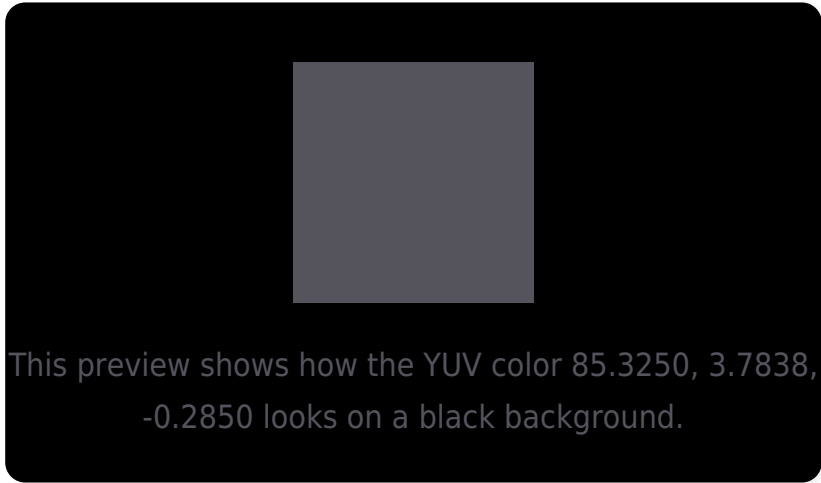
Large Text (above 18pt) WCAG AA ✓ Pass

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

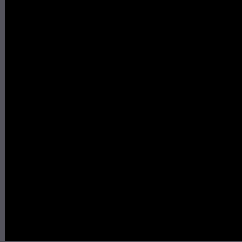
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3250, 3.7838, -0.2850

Background



This preview shows how black text looks on a background with the YUV color 85.3250, 3.7838, -0.2850.



This preview shows how white text looks on a background with the YUV color 85.3250, 3.7838, -0.2850.

-0.2850.

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

85.3250, 3.7838, -0.2850

Protanopia

85.0260, 3.9312, -0.8998

Deuteranopia

85.9340, 3.4835, 2.6889



Tritanopia

85.0970, 2.9102, -0.0851

Trichromacy



Original Color

85.3250, 3.7838, -0.2850

Protanomaly

85.0260, 3.9312, -0.8998

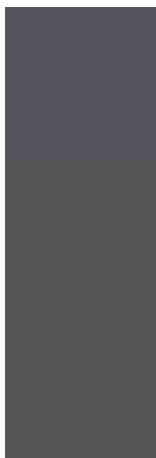
Deuteranomaly

85.6350, 3.6309, 2.0741

Tritanomaly

85.2110, 3.3470, -0.1850

Monochromacy



Original Color

85.3250, 3.7838, -0.2850

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3420, 1.3104, -0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3250, 3.7838, -0.2850 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(85, 84, 93)` looks like.

```
.text, #text, p{  
    color:rgb(85, 84, 93)  
}
```

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(85, 84, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 84, 93) }
```

Border

The CSS property to change the border of an element to YUV 85.3250, 3.7838, -0.2850 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(85, 84, 93) }
```


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

```
.border{ border-color:rgb(85, 84, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 84, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 84, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 84, 93);  
box-shadow:4px 4px 4px 4px rgb(85, 84, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.3250, 3.7838, -0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 84, 93) }
```

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

```
.background{ background-color: rgb(85, 84,  
93) }
```

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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