

Converting Colors

YUV(86.7300, -37.3349,
28.3008)

Have a look what the booklet for
YUV(86.7300, -37.3349, 28.3008)
contains.

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Color

**YUV(86.7300, -37.3349,
28.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	77550B
RGB	119, 85, 11
RGB Percent	47%, 33%, 4%
CMY	0.5333, 0.6667, 0.9569
CMYK	0.00, 0.29, 0.91, 0.53
HSL	41°, 83%, 25%
HSV	41°, 91%, 47%
XYZ	10.9167, 10.4431, 1.7570
YIQ	86.7300, 44.0180, -15.8060

Conversions

Conversions Part 2

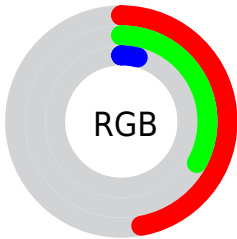
Format	Color
RYB	61, 119, 11
Decimal	7820555
CIELab	38.63, 7.59, 43.64
CIELCh	39, 44.298, 80.138
Yxy	10.4431, 0.4722, 0.4518
Android (android.graphics.Color)	4286010635 (0xFF77550B)
YUV	86.7300, -37.3349, 28.3008
Hunter-Lab	32.3158, 3.7468, 19.3975

Details

The YUV color **86.7300, -37.3349, 28.3008** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **43.2700, 37.3349, -28.3008**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1650, -37.0563, 32.3043**, and **43.2140, -21.3045, 19.9833** is the 20% darker color. If you saturate the color by 10%, you get **83.7150, -41.2715, 30.9449**, and if you desaturate by 10%, it is **90.4460, -33.2509, 25.0419**.

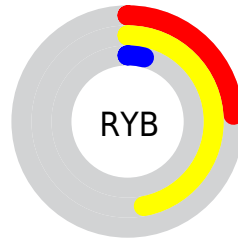
Distribution



Red (47%)

Green (33%)

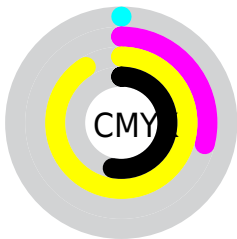
Blue (4%)



Red (24%)

Yellow (47%)

Blue (4%)

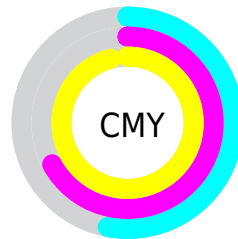


Cyan (0%)

Magenta (29%)

Yellow (91%)

Black (53%)



Cyan (53%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7300, -37.3349, 28.3008 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 86.7300, -37.3349, 28.3008 by changing the saturation by 10% instead.

86.7300, -37.3349,
28.3008

86.7300, -37.3349,
28.3008

254.5440, -1.7472,
0.3999

63.9020, -31.5037,
24.6419

138.1650,
-37.0563, 32.3043

43.2140, -21.3045,
19.9833

165.5350,
-38.2248, 33.7338

23.7000, -11.6841,
14.2951

192.3180,
-39.1038, 35.6781

1.1960, -0.5896,
2.4591

218.2960,
-39.0929, 32.1894

0.0000, 0.0000,
0.0000

237.8100,
-35.4023, 15.0756

248.0460,

-26.6447, 6.0987

■ 251.2380,
-14.4143, 3.2993

■ 86.7300, -37.3349,
28.3008

■ 86.7300, -37.3349,
28.3008

■ 83.7150, -41.2715,
30.9449

■ 90.4460, -33.2509,
25.0419

■ 93.5750, -28.8775,
22.2977

■ 97.2910, -24.7935,
19.0388

■ 101.0070,
-20.7095, 15.7799

■ 104.6090,
-17.0622, 12.6209

■ 107.7380,
-12.6888, 9.8768

■ 111.4540, -8.6048,
6.6178

■ 115.1700, -4.5208,
3.3589

■ 118.8860, -0.4368,
0.1000

Harmonies

Analogous

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



88.2500, -25.7592, 48.8928



86.7300, -37.3349, 28.3008



83.5480, -34.7802, 2.1504

Triad

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



86.7300, -37.3349, 28.3008



76.5060, 18.9775, -67.0958



94.0720, 21.1635, 25.3699

Complementary

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



86.7300, -37.3349, 28.3008



43.2700, 37.3349, -28.3008

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.



88.9400, 34.5396, -18.3644



86.7300, -37.3349, 28.3008



78.2790, 33.3865, -68.6507

Square

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



86.7300, -37.3349, 28.3008



71.5870, 2.6686, -62.7818



76.5810, 42.1116, -67.1615



90.7520, 6.5313, 51.9605

Rectangle

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



86.7300, -37.3349, 28.3008



80.7500, -24.5267, -19.9518



76.5810, 42.1116, -67.1615



93.5480, 25.8588, 12.6744

Sweetspot

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



86.7300, -37.3349, 28.3008



142.9940, -14.2940, 11.4063



47.1680, -1.0688, 62.9967



71.4540, -8.6048, 6.6178



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



86.7300, -37.3349, 28.3008



109.4530, -53.9603, 40.8217



100.7080, -44.2260, -1.4979



57.1420, -2.0420, 1.6295



85.7860, -42.2925, 31.7597



175.1270, -86.3376, 65.6636

Inverse Universe

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



43.2700, 37.3349, -28.3008



46.5470, 53.9603, -40.8217



29.2920, 44.2260, 1.4979



54.8580, 2.0420, -1.6295



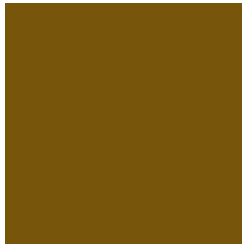
36.8010, 42.0031, -32.2745



74.8730, 86.3376, -65.6636

Previews

White Background



This preview shows how the YUV color 86.7300, -37.3349, 28.3008 looks on a white background.

Color Contrast Check

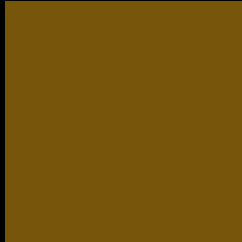
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 86.7300, -37.3349, 28.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

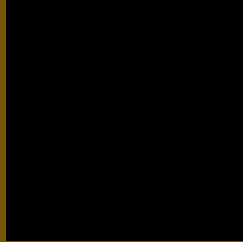
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7300, -37.3349, 28.3008

Background



This preview shows how black text looks on a background with the YUV color 86.7300, -37.3349, 28.3008.



This preview shows how white text looks on a background with the YUV color 86.7300, -37.3349,

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

86.7300, -37.3349, 28.3008

Protanopia

86.2830, -36.1285, 14.6608

Deuteranopia

86.4800, -38.1976, 25.0120



Tritanopia

92.8400, -3.8651, 26.4503

Trichromacy



Original Color

86.7300, -37.3349, 28.3008

Protanomaly

86.2020, -36.5816, 19.9938

Deuteranomaly

86.3060, -37.6189, 26.0416

Tritanomaly

90.6370, -16.0900, 27.5054

Monochromacy



Original Color

86.7300, -37.3349, 28.3008

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8090, -13.7098, 10.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7300, -37.3349, 28.3008 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(119, 85, 11)` looks like.

```
.text, #text, p{  
    color:rgb(119, 85, 11)  
}
```

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(119, 85, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 85, 11) }
```

Border

The CSS property to change the border of an element to YUV 86.7300, -37.3349, 28.3008 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(119, 85, 11) }
```


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

```
.border{ border-color:rgb(119, 85, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 85, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 85, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 85, 11);  
box-shadow:4px 4px 4px 4px rgb(119, 85,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 86.7300, -37.3349, 28.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 85, 11) }
```

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

```
.background{ background-color: rgb(119, 85,  
11) }
```

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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