

Converting Colors

YUV(82.3490, -36.1611,
25.1269)

Have a look what the booklet for
YUV(82.3490, -36.1611, 25.1269)
contains.

YUV(82.3490, -36.1611, 25.1269)	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(82.3490, -36.1611,
25.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5209
RGB	111, 82, 9
RGB Percent	44%, 32%, 4%
CMY	0.5647, 0.6784, 0.9647
CMYK	0.00, 0.26, 0.92, 0.56
HSL	43°, 85%, 24%
HSV	43°, 92%, 44%
XYZ	9.6221, 9.4338, 1.5722
YIQ	82.3490, 40.7170, -16.5550

Conversions

Conversions Part 2

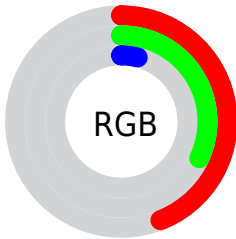
Format	Color
RYB	50, 111, 9
Decimal	7295497
CIELab	36.81, 5.42, 42.34
CIELCh	37, 42.689, 82.709
Yxy	9.4338, 0.4665, 0.4573
Android (android.graphics.Color)	4285485577 (0xFF6F5209)
YUV	82.3490, -36.1611, 25.1269
Hunter-Lab	30.7145, 2.1695, 18.4652

Details

The YUV color **82.3490, -36.1611, 25.1269** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **37.6510, 36.1611, -25.1269**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4850, -35.7351, 28.5157**, and **39.9470, -19.6939, 16.7095** is the 20% darker color. If you saturate the color by 10%, you get **79.5620, -39.2241, 27.5711**, and if you desaturate by 10%, it is **85.3640, -32.2245, 22.4828**.

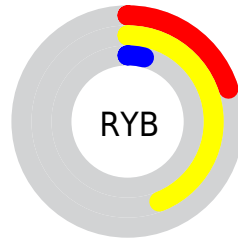
Distribution



Red (44%)

Green (32%)

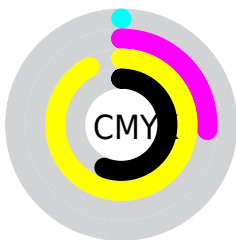
Blue (4%)



Red (20%)

Yellow (44%)

Blue (4%)

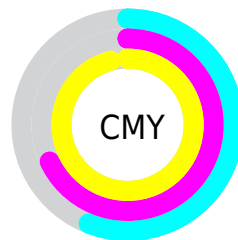


Cyan (0%)

Magenta (26%)

Yellow (92%)

Black (56%)



Cyan (56%)

Magenta (68%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3490, -36.1611, 25.1269 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 82.3490, -36.1611, 25.1269 by changing the saturation by 10% instead.

82.3490, -36.1611,
25.1269

82.3490, -36.1611,
25.1269

254.2020, -3.0576,
0.6998

60.0480, -29.6037,
21.8829

133.4850,
-35.7351, 28.5157

39.9470, -19.6939,
16.7095

160.1540,
-37.0509, 30.5599

20.7320, -10.2209,
11.6360

187.6380,
-37.7825, 31.8895

0.0000, 0.0000,
0.0000


215.4210,
-38.6616, 33.8338


235.8210,
-35.4078, 16.8200


247.7040,


-27.9551, 6.3986


 250.8960,
-15.7247, 3.5992


 82.3490, -36.1611,
25.1269


 82.3490, -36.1611,
25.1269


 79.5620, -39.2241,
27.5711

 85.3640, -32.2245,
22.4828

 88.3790, -28.2878,
19.8386

 91.3940, -24.3512,
17.1945

 94.9960, -20.7040,
14.0355

 98.0110, -16.7674,
11.3914

■ 101.1400,
-12.3940, 8.6472

■ 104.1550, -8.4574,
6.0031

■ 107.1700, -4.5208,
3.3589

■ 110.1850, -0.5842,
0.7148

Harmonies

Analogous

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



83.9290, -25.6010, 44.7893



82.3490, -36.1611, 25.1269



79.9220, -32.0065, -0.8086

Triad

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



82.3490, -36.1611, 25.1269



73.2290, 19.1141, -64.2218



89.3280, 19.5583, 26.8993

Complementary

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



82.3490, -36.1611, 25.1269



37.6510, 36.1611, -25.1269

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.



85.8760, 31.6131, -13.0463



82.3490, -36.1611, 25.1269



74.7740, 32.6494, -65.5768

Square

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



82.3490, -36.1611, 25.1269



68.6520, 4.1156, -60.2078



72.2610, 40.7903, -63.3729



85.6980, 5.0789, 51.1309

Rectangle

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



82.3490, -36.1611, 25.1269



76.1350, -21.7586, -21.1664



72.2610, 40.7903, -63.3729



89.2880, 23.5220, 15.5334

Sweetspot

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



82.3490, -36.1611, 25.1269



133.9830, -14.2886, 9.6619



43.0320, -1.4948, 59.6079



67.0410, -8.8942, 6.1030



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



82.3490, -36.1611, 25.1269



104.4030, -51.4707, 35.6036



93.3920, -41.6053, -2.0978



54.7290, -2.3314, 1.1147



86.3620, -42.5765, 29.5005



177.7520, -87.6317, 60.7305

Inverse Universe

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



37.6510, 36.1611, -25.1269



40.5970, 51.4707, -35.6036



26.6080, 41.6053, 2.0978



51.8580, 2.0420, -1.6295



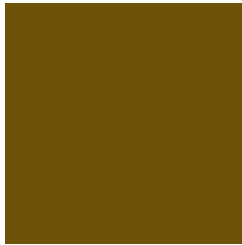
33.6380, 42.5765, -29.5005



69.2480, 87.6317, -60.7305

Previews

White Background



This preview shows how the YUV color 82.3490, -36.1611, 25.1269 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 82.3490, -36.1611, 25.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

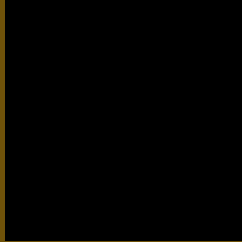
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.3490, -36.1611, 25.1269

Background



This preview shows how black text looks on a background with the YUV color 82.3490, -36.1611, 25.1269.



This preview shows how white text looks on a background with the YUV color 82.3490, -36.1611,

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

82.3490, -36.1611, 25.1269

Protanopia

81.6250, -34.8181, 14.3609

Deuteranopia

81.9360, -36.4504, 24.6121



Tritanopia

88.3450, -3.1281, 23.3764

Trichromacy



Original Color

82.3490, -36.1611, 25.1269

Protanomaly

81.8320, -35.4132, 18.5643

Deuteranomaly

81.9360, -36.4504, 24.6121

Tritanomaly

86.1420, -15.3530, 24.4315

Monochromacy



Original Color

82.3490, -36.1611, 25.1269

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2110, -13.4150, 9.4620

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3490, -36.1611, 25.1269 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(111, 82, 9)` looks like.

```
.text, #text, p{  
    color:rgb(111, 82, 9)  
}
```

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(111, 82, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 82, 9) }
```

Border

The CSS property to change the border of an element to YUV 82.3490, -36.1611, 25.1269 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(111, 82, 9) }
```


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

```
.border{ border-color:rgb(111, 82, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 82, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 82, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 82, 9);  
box-shadow:4px 4px 4px 4px rgb(111, 82, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.3490, -36.1611, 25.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 82, 9) }
```

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

```
.background{ background-color: rgb(111, 82,  
9) }
```

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