

Converting Colors

YUV(89.2810, -36.1275,
61.1436)

Have a look what the booklet for
YUV(89.2810, -36.1275, 61.1436)
contains.

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Color

**YUV(89.2810, -36.1275,
61.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	9F4410
RGB	159, 68, 16
RGB Percent	62%, 27%, 6%
CMY	0.3765, 0.7333, 0.9373
CMYK	0.00, 0.57, 0.90, 0.38
HSL	22°, 82%, 34%
HSV	22°, 90%, 62%
XYZ	16.4587, 11.5426, 1.8507
YIQ	89.2810, 70.9280, 3.1200

Conversions

Conversions Part 2

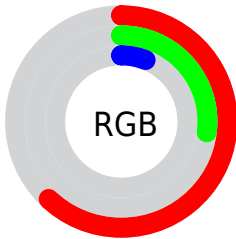
Format	Color
R _Y B	159, 98, 16
Decimal	10437648
CIE Lab	40.48, 35.24, 45.96
CIE LCh	40, 57.915, 52.515
Yxy	11.5426, 0.5513, 0.3867
Android (android.graphics.Color)	4288627728 (0xFF9F4410)
YUV	89.2810, -36.1275, 61.1436
Hunter-Lab	33.9744, 27.0183, 20.5524

Details

The YUV color **89.2810, -36.1275, 61.1436** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **85.7190, 36.1275, -61.1436**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0430, -38.4752, 67.4913**, and **39.8790, -19.6603, 52.7261** is the 20% darker color. If you saturate the color by 10%, you get **81.5870, -40.2224, 67.8912**, and if you desaturate by 10%, it is **96.9750, -32.0327, 54.3959**.

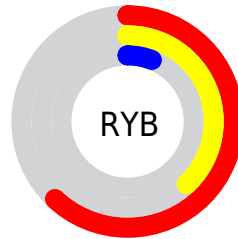
Distribution



Red (62%)

Green (27%)

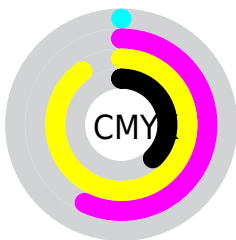
Blue (6%)



Red (62%)

Yellow (38%)

Blue (6%)

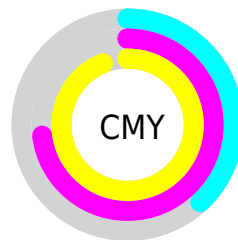


Cyan (0%)

Magenta (57%)

Yellow (90%)

Black (38%)



Cyan (38%)

Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2810, -36.1275, 61.1436 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 89.2810, -36.1275, 61.1436 by changing the saturation by 10% instead.

89.2810, -36.1275,
61.1436

89.2810, -36.1275,
61.1436

254.7720, -0.8736,
0.2000

63.8120, -31.4593,
57.1699

143.0430,
-38.4752, 67.4913

39.8790, -19.6603,
52.7261

170.4240,
-39.6490, 70.6652

21.2290, -10.4659,
43.6492

190.3190,
-37.1323, 56.7252

14.1670, -6.4913,
28.7945


209.7190,
-33.8785, 39.7114


0.0000, 0.0000,
0.0000


229.2330,
-30.1879, 22.5977


248.2740,


-25.7711, 5.8987

 251.4660,
-13.5407, 3.0993


 89.2810, -36.1275,
61.1436

 89.2810, -36.1275,
61.1436


 81.5870, -40.2224,
67.8912

 96.9750, -32.0327,
54.3959

 104.6690,
-27.9378, 47.6483

 112.3630,
-23.8430, 40.9006

 120.0570,
-19.7481, 34.1530

 128.3380,
-15.9426, 26.8906

■ 135.9180,
-12.2846, 20.2429

■ 143.6120, -8.1897,
13.4953

■ 151.3060, -4.0949,
6.7476

■ 159.0000, 0.0000,
0.0000

Harmonies

Analogous

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



86.4060, -12.0322, 79.4509



89.2810, -36.1275, 61.1436



89.9170, -44.3291, 31.6448

Triad

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



89.2810, -36.1275, 61.1436



77.4400, 2.2481, -67.9149



91.7680, 45.4704, -24.3525

Complementary

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



89.2810, -36.1275, 61.1436



85.7190, 36.1275, -61.1436

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.



83.2950, 52.6056, -73.0497



89.2810, -36.1275, 61.1436



83.0260, 23.6512, -72.8138

Square

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



89.2810, -36.1275, 61.1436



69.3920, -18.4343, -60.8568



85.7110, 41.5545, -75.1685



96.9840, 28.1089, 37.7250

Rectangle

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



89.2810, -36.1275, 61.1436



88.0020, -43.3850, 8.7682



85.7110, 41.5545, -75.1685



77.3110, 55.0627, -67.8017

Sweetspot

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



89.2810, -36.1275, 61.1436



179.4840, -14.0426, 24.1315



69.3590, 19.5430, 78.6152



88.2100, -8.4845, 14.7248



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



89.2810, -36.1275, 61.1436



105.9180, -52.2176, 88.6489



130.3710, -56.3849, 25.1076



75.1530, -2.0474, 3.3738



73.2810, -36.1275, 61.1436



8.0070, -3.9475, 6.1329

Inverse Universe

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



85.7190, 36.1275, -61.1436



100.4950, 52.5070, -88.1341



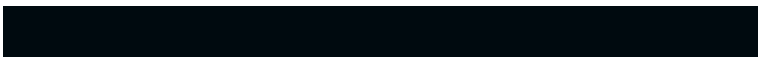
44.6290, 56.3849, -25.1076



74.8470, 2.0474, -3.3738



69.7190, 36.1275, -61.1436



7.5800, 3.6581, -6.6477

Previews

White Background



This preview shows how the YUV color 89.2810, -36.1275, 61.1436 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 89.2810, -36.1275, 61.1436 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 89.2810, -36.1275, 61.1436

Background



This preview shows how black text looks on a background with the YUV color 89.2810, -36.1275, 61.1436.



This preview shows how white text looks on a background with the YUV color 89.2810, -36.1275,

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

89.2810, -36.1275, 61.1436

Protanopia

91.2660, -33.6551, 14.6757

Deuteranopia

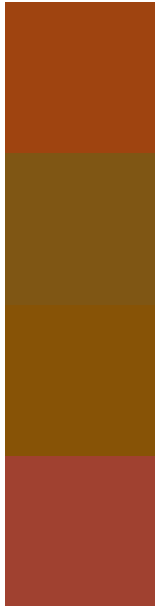
89.8950, -44.3182, 28.1561



Tritanopia

92.7580, -12.6987, 59.8482

Trichromacy



Original Color

89.2810, -36.1275, 61.1436

Protanomaly

90.7350, -34.8724, 31.8044

Deuteranomaly

89.7700, -41.2986, 39.6667

Tritanomaly

91.4670, -21.4292, 60.1034

Monochromacy



Original Color

89.2810, -36.1275, 61.1436

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7010, -13.1636, 22.1872

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2810, -36.1275, 61.1436 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(159, 68, 16)` looks like.

```
.text, #text, p{  
    color:rgb(159, 68, 16)  
}
```

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(159, 68, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 68, 16) }
```

Border

The CSS property to change the border of an element to YUV 89.2810, -36.1275, 61.1436 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(159, 68, 16) }
```


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

```
.border{ border-color:rgb(159, 68, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 68, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 68, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 68, 16);  
box-shadow:4px 4px 4px 4px rgb(159, 68,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 89.2810, -36.1275, 61.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 68, 16) }
```

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

```
.background{ background-color: rgb(159, 68,  
16) }
```

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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