

Converting Colors

YUV(79.0810, -36.0289,
76.2280)

Have a look what the booklet for
YUV(79.0810, -36.0289, 76.2280)
contains.

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Color

**YUV(79.0810, -36.0289,
76.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	A63106
RGB	166, 49, 6
RGB Percent	65%, 19%, 2%
CMY	0.3490, 0.8078, 0.9765
CMYK	0.00, 0.70, 0.96, 0.35
HSL	16°, 93%, 34%
HSV	16°, 96%, 65%
XYZ	16.8571, 10.3168, 1.2752
YIQ	79.0810, 83.5350, 11.4310

Conversions

Conversions Part 2

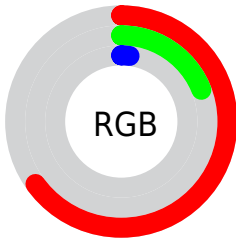
Format	Color
RYB	166, 65, 6
Decimal	10891526
CIELab	38.41, 46.42, 48.38
CIELCh	38, 67.048, 46.188
Yxy	10.3168, 0.5925, 0.3626
Android (android.graphics.Color)	4289081606 (0xFFA63106)
YUV	79.0810, -36.0289, 76.2280
Hunter-Lab	32.1197, 37.4708, 20.1300

Details

The YUV color **79.0810, -36.0289, 76.2280** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **92.9190, 36.0289, -76.2280**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5440, -38.2292, 81.9609**, and **31.3950, -15.4777, 64.5516** is the 20% darker color. If you saturate the color by 10%, you get **76.0490, -37.4922, 78.8870**, and if you desaturate by 10%, it is **88.0630, -32.0761, 68.3507**.

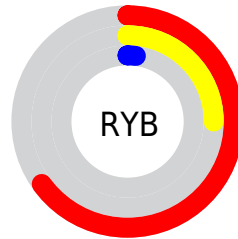
Distribution



Red (65%)

Green (19%)

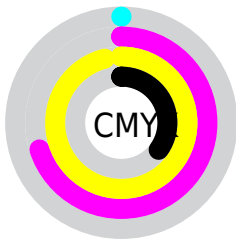
Blue (2%)



Red (65%)

Yellow (25%)

Blue (2%)

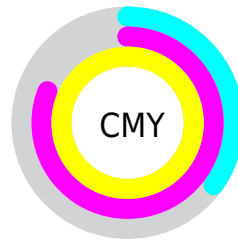


Cyan (0%)

Magenta (70%)

Yellow (96%)

Black (35%)



Cyan (35%)


Magenta (81%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 79.0810, -36.0289, 76.2280 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 79.0810, -36.0289, 76.2280 by changing the saturation by 10% instead.


 79.0810, -36.0289,
76.2280


 79.0810, -36.0289,
76.2280


 253.6320, -5.2416,
1.1997


 51.2300, -25.2564,
74.3433


 134.5440,
-38.2292, 81.9609


 31.3950, -15.4777,
64.5516


 161.2020,
-39.5396, 82.2608


 22.7240, -11.2029,
46.7231

 179.9010,
-36.4332, 65.8618

 15.1780, -6.4968,
30.5389

 199.3010,
-33.1794, 48.8480

 0.0000, 0.0000,
0.0000

 218.8150,
-29.4888, 31.7342

 238.9160,

-26.0876, 14.1057

■ 250.3260,
-17.9087, 4.0991

■ 79.0810, -36.0289,
76.2280

■ 79.0810, -36.0289,
76.2280

■ 76.0490, -37.4922,
78.8870

■ 88.0630, -32.0761,
68.3507

■ 96.9310, -28.5600,
60.5735

■ 105.9130,
-24.6071, 52.6963

■ 115.3680,
-21.3804, 44.4043

■ 124.3500,
-17.4275, 36.5271

■ 133.3320,
-13.4747, 28.6498

■ 142.2000, -9.9586,
20.8726

■ 151.1820, -6.0057,
12.9954

■ 160.0500, -2.4897,
5.2181

Harmonies

Analogous

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



61.7140, 1.1270, 105.4908



79.0810, -36.0289, 76.2280



85.5420, -42.1722, 39.8667

Triad

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



79.0810, -36.0289, 76.2280



72.2250, -5.0409, -63.3413



73.5270, 60.8722, -64.4832

Complementary

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



79.0810, -36.0289, 76.2280



92.9190, 36.0289, -76.2280

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.



83.5060, 55.9525, -73.2348



79.0810, -36.0289, 76.2280



79.8970, 19.2778, -70.0697

Square

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



79.0810, -36.0289, 76.2280



62.8090, -30.9648, -55.0835



85.0100, 41.4071, -74.5538



91.0570, 37.4399, 31.5220

Rectangle

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



79.0810, -36.0289, 76.2280



84.2030, -41.5121, 14.7310



85.0100, 41.4071, -74.5538



77.9780, 60.1568, -68.3867

Sweetspot

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



79.0810, -36.0289, 76.2280



182.8160, -14.2063, 29.9794



67.1780, 27.5202, 86.6669



89.1180, -8.9322, 18.3135



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



79.0810, -36.0289, 76.2280



98.9290, -48.7720, 103.5483



126.0410, -59.1802, 35.0440



79.5660, -1.7580, 3.8886



67.7320, -33.3919, 70.3950



8.9150, -4.3951, 9.7215

Inverse Universe

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



92.9190, 36.0289, -76.2280



117.4840, 49.0614, -103.0335



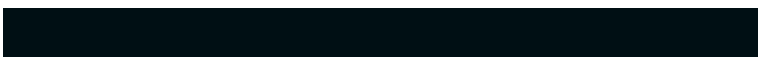
45.9590, 59.1802, -35.0440



80.4340, 1.7580, -3.8886



80.2680, 33.3919, -70.3950



11.0850, 4.3951, -9.7215

Previews

White Background



This preview shows how the YUV color 79.0810, -36.0289, 76.2280 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 79.0810, -36.0289, 76.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

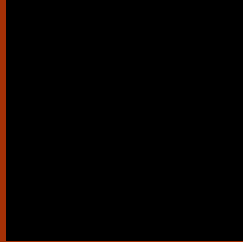
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0810, -36.0289, 76.2280

Background



This preview shows how black text looks on a background with the YUV color 79.0810, -36.0289, 76.2280.



This preview shows how white text looks on a background with the YUV color 79.0810, -36.0289,

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

79.0810, -36.0289, 76.2280

Protanopia

86.9670, -33.5077, 14.0609

Deuteranopia

85.4540, -42.1288, 25.9118



Tritanopia

82.4070, -16.9627, 74.1881

Trichromacy



Original Color

79.0810, -36.0289, 76.2280

Protanomaly

83.8820, -34.4518, 36.9375

Deuteranomaly

83.1450, -40.0045, 44.5998

Tritanomaly

81.2840, -23.8040, 75.1729

Monochromacy



Original Color

79.0810, -36.0289, 76.2280

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0330, -13.3273, 28.0351

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0810, -36.0289, 76.2280 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(166, 49, 6)` looks like.

```
.text, #text, p{  
    color:rgb(166, 49, 6)  
}
```

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(166, 49, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 49, 6) }
```

Border

The CSS property to change the border of an element to YUV 79.0810, -36.0289, 76.2280 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(166, 49, 6) }
```


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

```
.border{ border-color:rgb(166, 49, 6) }
```

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

Here you see how a box with a 4 pixel rgb(166, 49, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 49, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 49, 6);  
box-shadow:4px 4px 4px 4px rgb(166, 49, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.0810, -36.0289, 76.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 49, 6) }
```

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

```
.background{ background-color: rgb(166, 49,  
6) }
```

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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