

Converting Colors

YUV(74.7890, -36.8710,
19.4790)

Have a look what the booklet for
YUV(74.7890, -36.8710, 19.4790)
contains.

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Color

**YUV(74.7890, -36.8710,
19.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	614E00
RGB	97, 78, 0
RGB Percent	38%, 31%, 0%
CMY	0.6196, 0.6941, 1.0000
CMYK	0.00, 0.20, 1.00, 0.62
HSL	48°, 100%, 19%
HSV	48°, 100%, 38%
XYZ	7.6542, 7.9902, 1.1388
YIQ	74.7890, 36.3620, -20.2300

Conversions

Conversions Part 2

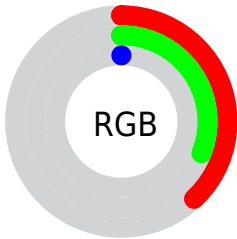
Format	Color
RYB	24, 97, 0
Decimal	6376960
CIELab	33.96, 0.56, 42.40
CIELCh	34, 42.407, 89.239
Yxy	7.9902, 0.4561, 0.4761
Android (android.graphics.Color)	4284567040 (0xFF614E00)
YUV	74.7890, -36.8710, 19.4790
Hunter-Lab	28.2669, -1.1325, 17.3981

Details

The YUV color **74.7890, -36.8710, 19.4790** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **22.2110, 36.8710, -19.4790**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7400, -35.8608, 22.1530**, and **33.7120, -16.6200, 10.7766** is the 20% darker color. If you saturate the color by 10%, you get **74.7890, -36.8710, 19.4790**, and if you desaturate by 10%, it is **77.1030, -33.0818, 17.4497**.

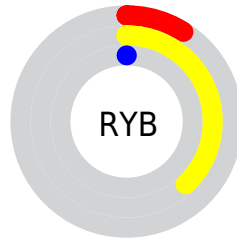
Distribution



Red (38%)

Green (31%)

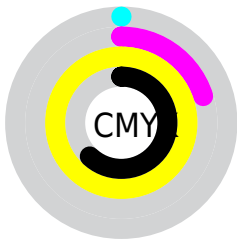
Blue (0%)



Red (9%)

Yellow (38%)

Blue (0%)

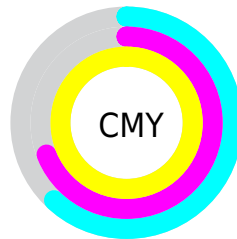


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.7890, -36.8710, 19.4790 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 74.7890, -36.8710, 19.4790 by changing the saturation by 10% instead.

74.7890, -36.8710,
19.4790

74.7890, -36.8710,
19.4790

253.1760, -6.9888,
1.5996

53.8130, -26.5298,
15.9500

125.7400,
-35.8608, 22.1530

33.7120, -16.6200,
10.7766

151.6370,
-36.3030, 23.9974

13.6110, -6.7102,
5.6032

179.0070,
-37.4715, 25.4269

0.0000, 0.0000,
0.0000


207.0780,
-38.4925, 26.2416


231.9740,
-37.4552, 20.1938


246.7920,


-31.4495, 7.1984


 249.9840,
-19.2191, 4.3990


 74.7890, -36.8710,
19.4790

 77.1030, -33.0818,
17.4497

 79.3030, -29.7294,
15.5203

 81.6170, -25.9402,
13.4909

 83.9310, -22.1510,
11.4615

 86.2450, -18.3618,
9.4321

■ 87.8580, -14.7200,
8.0175

■ 90.1720, -10.9308,
5.9882

■ 92.4860, -7.1416,
3.9588

■ 94.6860, -3.7892,
2.0294

Harmonies

Analogous

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



77.2120, -28.2055, 40.1561



74.7890, -36.8710, 19.4790



71.6870, -28.9327, -6.7415

Triad

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



74.7890, -36.8710, 19.4790



68.5330, 21.4292, -60.1034



81.5630, 16.4844, 32.8322

Complementary

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



74.7890, -36.8710, 19.4790



22.2110, 36.8710, -19.4790

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.



80.5460, 28.8178, -3.1098



74.7890, -36.8710, 19.4790



69.6220, 33.2174, -61.0585

Square

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



74.7890, -36.8710, 19.4790



64.6570, 6.5781, -56.7042



66.0660, 39.9005, -57.9399



77.6120, 2.1633, 52.9603

Rectangle

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



74.7890, -36.8710, 19.4790



67.0460, -16.7847, -29.8583



66.0660, 39.9005, -57.9399



82.2350, 20.5901, 22.5959

Sweetspot

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



74.7890, -36.8710, 19.4790



116.5590, -14.5726, 7.4028



31.1690, -5.9993, 57.7338



58.4430, -8.5994, 4.8735



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



74.7890, -36.8710, 19.4790



96.0750, -47.3650, 25.3672



77.2710, -38.0946, -8.1307



47.5440, -1.7472, 0.3999



86.3180, -42.5548, 22.5231



185.0510, -91.2301, 48.1903

Inverse Universe

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



22.2110, 36.8710, -19.4790



28.3380, 47.6544, -24.8524



19.7290, 38.0946, 8.1307



45.0430, 1.4578, -0.9147



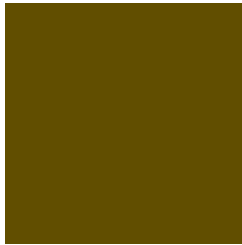
25.6820, 42.5548, -22.5231



54.9490, 91.2301, -48.1903

Previews

White Background



This preview shows how the YUV color 74.7890, -36.8710, 19.4790 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 74.7890, -36.8710, 19.4790 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 74.7890, -36.8710, 19.4790

Background



This preview shows how black text looks on a background with the YUV color 74.7890, -36.8710, 19.4790.



This preview shows how white text looks on a background with the YUV color 74.7890, -36.8710,

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



Protanopia

74.6250, -34.8181, 14.3609

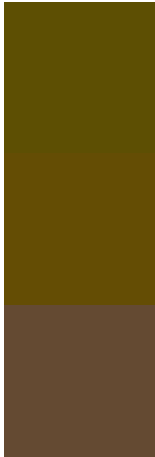
Deuteranopia

75.6090, -33.8242, 22.2679

Tritanopia

81.3550, -1.6540, 17.2287

Trichromacy



Protanomaly

74.5220, -35.2603, 16.2052

Deuteranomaly

75.5550, -35.2766, 21.4383

Tritanomaly

79.0380, -14.3157, 18.3837

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.7890, -36.8710, 19.4790 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(97, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 78, 0)  
}
```

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(97, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 78, 0) }
```

Border

The CSS property to change the border of an element to YUV 74.7890, -36.8710, 19.4790 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(97, 78, 0) }
```

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

```
.border{ border-color:rgb(97, 78, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 78, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 78, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 78, 0); box-shadow:4px  
4px 4px 4px rgb(97, 78, 0) }
```


Background

The CSS property to change the background color of an element to YUV 74.7890, -36.8710, 19.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 78, 0) }
```

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

```
.background{ background-color: rgb(97, 78,  
0) }
```

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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