

Converting Colors

YUV(36.2490, -10.9688,
18.1986)

Have a look what the booklet for
YUV(36.2490, -10.9688, 18.1986)
contains.

YUV(36.2490, -10.9688, 18.1986)	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(36.2490, -10.9688,
18.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	391E0E
RGB	57, 30, 14
RGB Percent	22%, 12%, 5%
CMY	0.7765, 0.8824, 0.9451
CMYK	0.00, 0.47, 0.75, 0.78
HSL	22°, 61%, 14%
HSV	22°, 75%, 22%
XYZ	2.2309, 1.8301, 0.6511
YIQ	36.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

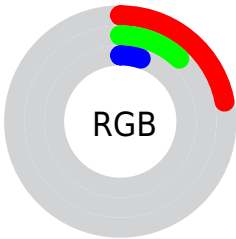
Format	Color
R_{YB}	57, 39, 14
Decimal	3743246
CIE _{Lab}	14.57, 11.39, 15.81
CIE _{LCh}	15, 19.485, 54.212
Yxy	1.8301, 0.4734, 0.3884
Android (android.graphics.Color)	4281933326 (0xFF391E0E)
YUV	36.2490, -10.9688, 18.1986
Hunter-Lab	13.5282, 5.7615, 6.6160

Details

The YUV color **36.2490, -10.9688, 18.1986** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.7510, 10.9688, -18.1986**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6300, -12.1426, 21.3725**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.2170, -12.4320, 20.8577**, and if you desaturate by 10%, it is **39.2810, -9.5055, 15.5396**.

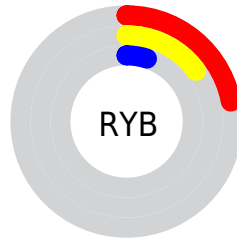
Distribution



Red (22%)

Green (12%)

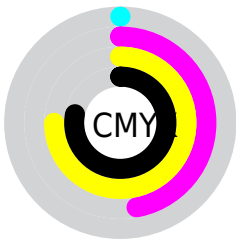
Blue (5%)



Red (22%)

Yellow (15%)

Blue (5%)

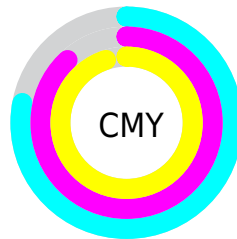


Cyan (0%)

Magenta (47%)

Yellow (75%)

Black (78%)



Cyan (78%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.2490, -10.9688, 18.1986 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 36.2490, -10.9688, 18.1986 by changing the saturation by 10% instead.

■ 36.2490, -10.9688,
18.1986

■ 36.2490, -10.9688,
18.1986

■ 253.0620, -7.4256,
1.6996

■ 14.5740, -7.1850,
17.9136

■ 81.6300, -12.1426,
21.3725

■ 0.0000, 0.0000,
0.0000

■ 106.1140,
-12.8742, 22.7020


■ 131.5980,
-13.6058, 24.0316


■ 158.0820,
-14.3374, 25.3611


■ 184.6800,
-14.6322, 26.5906


■ 212.8650,


-15.2164, 27.3054


 235.7820,
-12.7105, 16.8542


 36.2490, -10.9688,
18.1986


 36.2490, -10.9688,
18.1986


 33.2170, -12.4320,
20.8577


 39.2810, -9.5055,
15.5396


 30.8860, -13.7478,
22.9020

 41.6120, -8.1897,
13.4953

 29.3700, -14.4794,
24.2315

 44.6440, -6.7265,
10.8362

 47.0890, -4.9739,
8.6919

 50.1210, -3.5107,
6.0329

■ 52.4520, -2.1948,
3.9886

■ 55.4840, -0.7316,
1.3295

■ 58.5160, 0.7316,
-1.3295

■ 60.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



36.7640, -5.3067, 22.1320



36.2490, -10.9688, 18.1986



35.1680, -14.8728, 10.3767

Triad

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



36.2490, -10.9688, 18.1986



29.1170, 2.4073, -25.5356



36.8930, 12.3778, -3.4142

Complementary

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



36.2490, -10.9688, 18.1986



34.7510, 10.9688, -18.1986

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.



30.4880, 16.5214, -25.8610



36.2490, -10.9688, 18.1986



31.3000, 8.2331, -27.4501

Square

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



36.2490, -10.9688, 18.1986



32.0170, -5.9244, -13.1699



31.3800, 13.6167, -27.5203



38.3140, 7.2402, 11.1256

Rectangle

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



36.2490, -10.9688, 18.1986



34.6510, -14.1249, 3.8141



31.3800, 13.6167, -27.5203



35.7890, 13.4150, -9.4620

Sweetspot

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



36.2490, -10.9688, 18.1986



65.6050, -4.2423, 7.3624



29.9350, 5.4550, 23.7360



33.3380, -2.6316, 4.0886



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.2490, -10.9688, 18.1986



41.7080, -17.1110, 28.3201



48.5760, -17.0460, 7.3878



26.4840, -0.7316, 1.3295



47.4660, -23.4007, 39.0563



113.6150, -56.0122, 92.4226

Inverse Universe

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



34.7510, 10.9688, -18.1986



39.2920, 17.1110, -28.3201



22.4240, 17.0460, -7.3878



26.5160, 0.7316, -1.3295



44.5340, 23.4007, -39.0563



105.9720, 55.7228, -92.9374

Previews

White Background



This preview shows how the YUV color 36.2490, -10.9688, 18.1986 looks on a white background.

Color Contrast Check

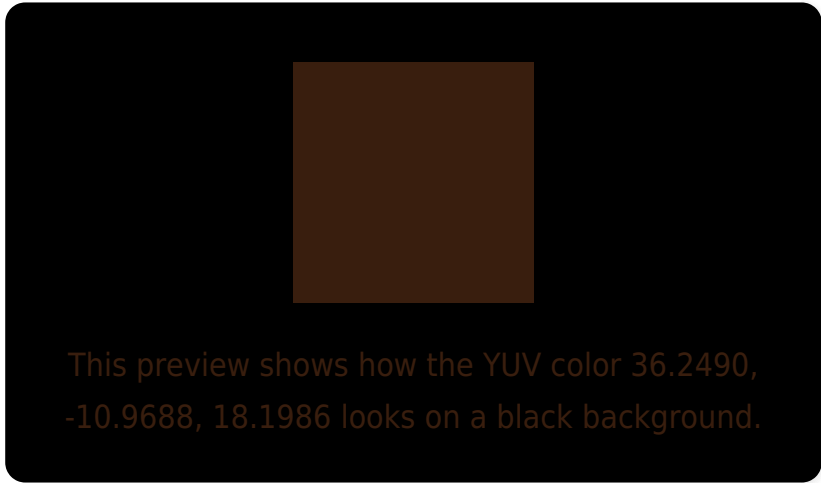
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

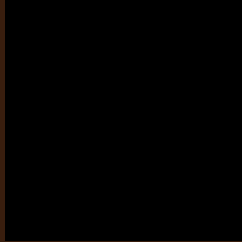
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.2490, -10.9688, 18.1986

Background



This preview shows how black text looks on a background with the YUV color 36.2490, -10.9688, 18.1986.

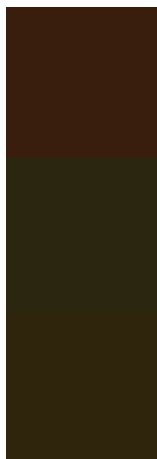


This preview shows how white text looks on a background with the YUV color 36.2490, -10.9688,

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

36.2490, -10.9688, 18.1986

Protanopia

36.6880, -10.1992, 4.6586

Deuteranopia

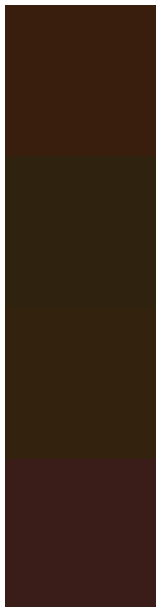
36.5530, -12.1046, 9.1620



Tritanopia

37.1980, -3.5486, 18.2434

Trichromacy



Original Color

36.2490, -10.9688, 18.1986

Protanomaly

36.3080, -10.5048, 9.3769

Deuteranomaly

36.6890, -11.6787, 12.5507

Tritanomaly

37.1010, -6.4588, 18.3284

Monochromacy



Original Color

36.2490, -10.9688, 18.1986

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.3060, -4.0949, 6.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.2490, -10.9688, 18.1986 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(57, 30, 14)` looks like.

```
.text, #text, p{  
    color:rgb(57, 30, 14)  
}
```

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(57, 30, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 30, 14) }
```

Border

The CSS property to change the border of an element to YUV 36.2490, -10.9688, 18.1986 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(57, 30, 14) }
```


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

```
.border{ border-color:rgb(57, 30, 14) }
```

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

Here you see how a box with a 4 pixel rgb(57, 30, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 30, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 30, 14);  
box-shadow:4px 4px 4px 4px rgb(57, 30, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.2490, -10.9688, 18.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 30, 14) }
```

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

```
.background{ background-color: rgb(57, 30,  
14) }
```

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