

Converting Colors

YUV(36.9310, -15.2490,
37.7715)

Have a look what the booklet for
YUV(36.9310, -15.2490, 37.7715)
contains.

YUV(36.9310, -15.2490, 37.7715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(36.9310, -15.2490,
37.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	501506
RGB	80, 21, 6
RGB Percent	31%, 8%, 2%
CMY	0.6863, 0.9176, 0.9765
CMYK	0.00, 0.74, 0.92, 0.69
HSL	12°, 86%, 17%
HSV	12°, 92%, 31%
XYZ	3.6093, 2.2550, 0.4173
YIQ	36.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

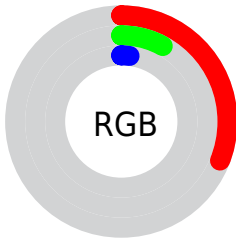
Format	Color
R_YB	80, 25, 6
Decimal	5248262
CIE Lab	16.77, 26.80, 22.95
CIE LCh	17, 35.284, 40.571
Yxy	2.2550, 0.5746, 0.3590
Android (android.graphics.Color)	4283438342 (0xFF501506)
YUV	36.9310, -15.2490, 37.7715
Hunter-Lab	15.0165, 16.6246, 8.8639

Details

The YUV color **36.9310, -15.2490, 37.7715** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **49.0690, 15.2490, -37.7715**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.7960, -17.1544, 42.2749**, and **7.8880, -3.3958, 15.8842** is the 20% darker color. If you saturate the color by 10%, you get **33.3120, -16.4228, 40.9454**, and if you desaturate by 10%, it is **41.3650, -13.4909, 33.8829**.

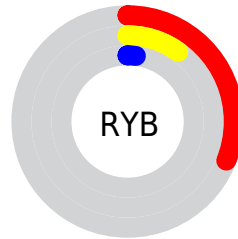
Distribution



Red (31%)

Green (8%)

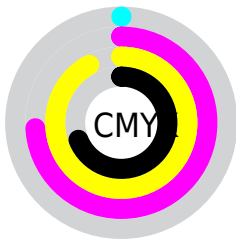
Blue (2%)



Red (31%)

Yellow (10%)

Blue (2%)

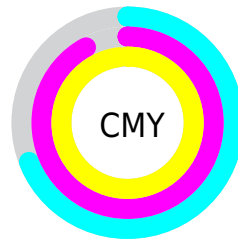


Cyan (0%)

Magenta (74%)

Yellow (92%)

Black (69%)



Cyan (69%)


Magenta (92%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.9310, -15.2490, 37.7715 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 36.9310, -15.2490, 37.7715 by changing the saturation by 10% instead.


 36.9310, -15.2490,
37.7715

 36.9310, -15.2490,
37.7715

 252.2640,
-10.4832, 2.3995

 16.1460, -7.9600,
33.1980

 85.7960, -17.1544,
42.2749


 7.8880, -3.3958,
15.8842


 110.8780,
-18.1809, 44.8340

 0.0000, 0.0000,
0.0000


 136.9600,
-19.2073, 47.3931


 163.7430,
-20.0863, 49.3374


 191.5260,
-20.9653, 51.2817


 211.8340,


-18.1592, 37.8566


 232.0490,
-14.3212, 20.1280


 36.9310, -15.2490,
37.7715


 36.9310, -15.2490,
37.7715


 33.3120, -16.4228,
40.9454

 41.3650, -13.4909,
33.8829

 46.3860, -12.0223,
29.4795

 50.8200, -10.2643,
25.5909

 55.8410, -8.7956,
21.1874

 60.2750, -7.0376,
17.2988

■ 64.7090, -5.2795,
13.4102

■ 69.7300, -3.8109,
9.0068

■ 74.1640, -2.0529,
5.1182

■ 78.5980, -0.2948,
1.2296

Harmonies

Analogous

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



34.5740, -0.2830, 44.2236



36.9310, -15.2490, 37.7715



39.3930, -19.4207, 22.4573

Triad

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



36.9310, -15.2490, 37.7715



32.5590, -4.7126, -28.5542



35.1420, 28.0310, -30.8195

Complementary

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



36.9310, -15.2490, 37.7715



49.0690, 15.2490, -37.7715

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.



38.9090, 24.6949, -34.1232



36.9310, -15.2490, 37.7715



36.2240, 6.7916, -31.7684

Square

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



36.9310, -15.2490, 37.7715



33.8460, -16.6861, -14.7739



38.9600, 17.2747, -34.1679



42.5770, 18.4495, 9.1410

Rectangle

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



36.9310, -15.2490, 37.7715



39.0280, -19.2408, 11.3764



38.9600, 17.2747, -34.1679



36.9030, 27.1628, -32.3639

Sweetspot

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



36.9310, -15.2490, 37.7715



87.4920, -6.1586, 15.3545



34.8520, 14.8630, 39.5948



43.0290, -3.9583, 9.6216



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



36.9310, -15.2490, 37.7715



43.7220, -21.5549, 53.7408



58.6500, -25.9564, 18.7240



38.7830, -0.8790, 1.9443



96.9570, -47.7998, 118.4327

Inverse Universe

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



49.0690, 15.2490, -37.7715



60.6910, 21.8443, -53.2260



27.3500, 25.9565, -18.7240



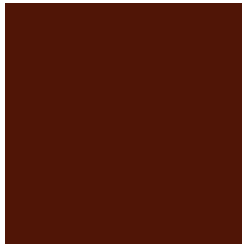
39.2170, 0.8790, -1.9443



135.0430, 47.7998, -118.4327

Previews

White Background



This preview shows how the YUV color 36.9310, -15.2490, 37.7715 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

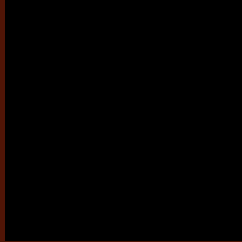
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9310, -15.2490, 37.7715

Background



This preview shows how black text looks on a background with the YUV color 36.9310, -15.2490, 37.7715.

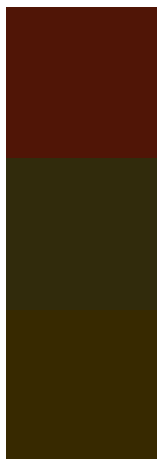


This preview shows how white text looks on a background with the YUV color 36.9310, -15.2490,

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

36.9310, -15.2490, 37.7715

Protanopia

41.2600, -14.4252, 6.7880

Deuteranopia

40.5120, -19.9724, 12.7060



Tritanopia

37.9400, -8.8444, 36.8866

Trichromacy



Original Color

36.9310, -15.2490, 37.7715

Protanomaly

39.6250, -14.6051, 17.8689

Deuteranomaly

39.3220, -18.3997, 21.6426

Tritanomaly

37.3700, -11.0284, 37.3865

Monochromacy



Original Color

36.9310, -15.2490, 37.7715

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9310, -15.2490, 37.7715 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(80, 21, 6)` looks like.

```
.text, #text, p{  
    color:rgb(80, 21, 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(80, 21, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 21, 6) }
```

Border

The CSS property to change the border of an element to YUV 36.9310, -15.2490, 37.7715 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(80, 21, 6) }
```

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

```
.border{ border-color:rgb(80, 21, 6) }
```

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

Here you see how a box with a 4 pixel rgb(80, 21, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 21, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(80, 21, 6); box-shadow:4px  
4px 4px 4px rgb(80, 21, 6) }
```

Background

The CSS property to change the background color of an element to YUV 36.9310, -15.2490, 37.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 21, 6) }
```

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

```
.background{ background-color: rgb(80, 21,  
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](#).

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