

Converting Colors

YUV(36.9550, -11.8098, 7.9325)

Have a look what the booklet for
YUV(36.9550, -11.8098, 7.9325)
contains.

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Color

**YUV(36.9550, -11.8098,
7.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	2E250D
RGB	46, 37, 13
RGB Percent	18%, 15%, 5%
CMY	0.8196, 0.8549, 0.9490
CMYK	0.00, 0.20, 0.72, 0.82
HSL	44°, 56%, 12%
HSV	44°, 72%, 18%
XYZ	1.8609, 1.9330, 0.6558
YIQ	36.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

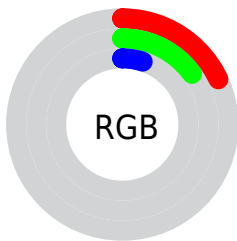
Format	Color
RYB	25, 46, 13
Decimal	3024141
CIELab	15.13, 0.57, 16.71
CIELCh	15, 16.719, 88.036
Yxy	1.9330, 0.4182, 0.4344
Android (android.graphics.Color)	4281214221 (0xFF2E250D)
YUV	36.9550, -11.8098, 7.9325
Hunter-Lab	13.9034, -0.4392, 6.9357

Details

The YUV color **36.9550, -11.8098, 7.9325** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.0450, 11.8098, -7.9325**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7380, -12.6888, 9.8768**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.7980, -13.7044, 8.9472**, and if you desaturate by 10%, it is **38.1120, -9.9152, 6.9178**.

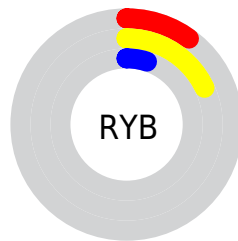
Distribution



Red (18%)

Green (15%)

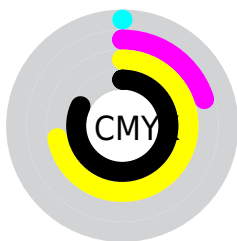
Blue (5%)



Red (10%)

Yellow (18%)

Blue (5%)

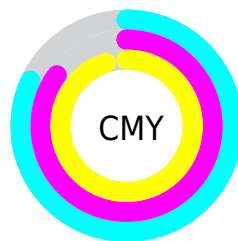


Cyan (0%)

Magenta (20%)

Yellow (72%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9550, -11.8098, 7.9325 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 36.9550, -11.8098, 7.9325 by changing the saturation by 10% instead.

■ 36.9550, -11.8098,
7.9325

■ 36.9550, -11.8098,
7.9325

■ 252.9480, -7.8624,
1.7996

■ 16.5680, -8.1680,
6.5179

■ 81.7380, -12.6888,
9.8768

■ 0.0000, 0.0000,
0.0000

■ 106.5100,
-13.5624, 10.0767

■ 131.6950,
-14.1466, 10.7915


■ 157.8800,
-14.7308, 11.5062


■ 184.7660,
-15.1676, 11.6062


■ 212.3640,


-15.4625, 12.8358


 240.3640,
-15.4625, 12.8358


 36.9550, -11.8098,
7.9325


 36.9550, -11.8098,
7.9325


 35.7980, -13.7044,
8.9472


 38.1120, -9.9152,
6.9178


 34.1680, -14.8728,
10.3767

 39.7420, -8.7468,
5.4883

 33.1250, -16.3306,
11.2914

 40.8990, -6.8522,
4.4736

 41.9420, -5.3944,
3.5589

 43.0990, -3.4998,
2.5442

■ 44.8430, -1.8946,
1.0147

■ 45.8860, -0.4368,
0.1000

■ 47.0430, 1.4578,
-0.9147

■ 48.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



37.8680, -9.7949, 15.0248



36.9550, -11.8098, 7.9325



36.0570, -9.8881, -1.8040

Triad

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



36.9550, -11.8098, 7.9325



31.4140, 8.6699, -27.5501



39.5590, 5.6404, 10.9108

Complementary

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



36.9550, -11.8098, 7.9325



22.0450, 11.8098, -7.9325

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.



38.6330, 10.0409, -0.5551



36.9550, -11.8098, 7.9325



31.2660, 13.1799, -27.4203

Square

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



36.9550, -11.8098, 7.9325



30.0460, 3.4283, -26.3503



34.9300, 12.8525, -15.7246



38.5230, 0.2352, 17.9583

Rectangle

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



36.9550, -11.8098, 7.9325



34.6370, -6.2300, -8.4516



34.9300, 12.8525, -15.7246



39.2920, 7.2510, 7.6369

Sweetspot

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



36.9550, -11.8098, 7.9325



55.1700, -4.5208, 3.3589



23.8930, -0.9332, 19.3878



28.3270, -2.6262, 2.3442



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



36.9550, -11.8098, 7.9325



44.9680, -18.2252, 12.3061



40.1450, -13.3825, -1.0042



22.1850, -0.5842, 0.7148



62.9940, -31.0560, 21.0533



155.5580, -76.6901, 51.2536

Inverse Universe

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



22.0450, 11.8098, -7.9325



22.0320, 18.2252, -12.3061



18.8550, 13.3825, 1.0042



21.2280, 0.8736, -0.2000



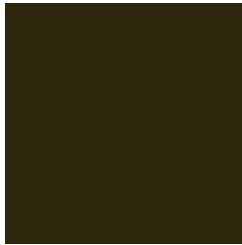
24.0060, 31.0560, -21.0533



58.4420, 76.6901, -51.2536

Previews

White Background



This preview shows how the YUV color 36.9550, -11.8098, 7.9325 looks on a white background.

Color Contrast Check

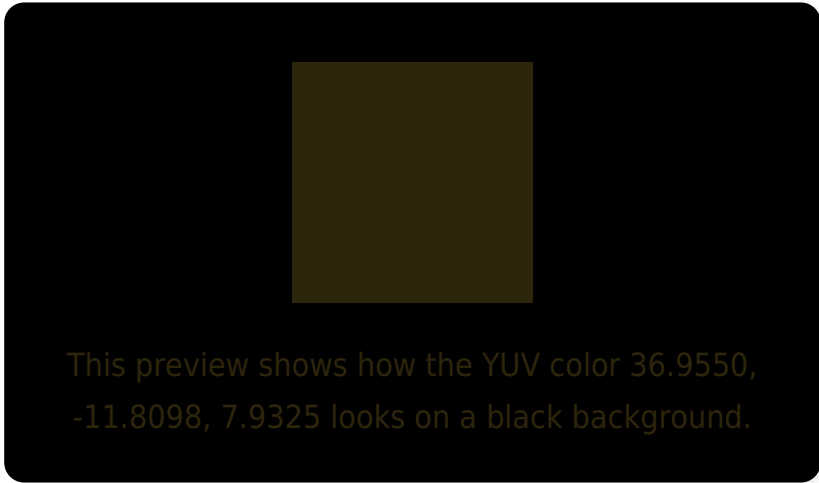
Large Text (above 18pt) WCAG AA ✓ Pass

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

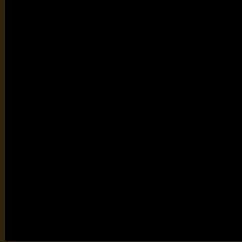
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9550, -11.8098, 7.9325

Background



This preview shows how black text looks on a background with the YUV color 36.9550, -11.8098, 7.9325.

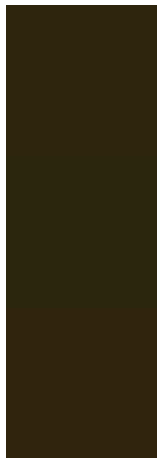


This preview shows how white text looks on a background with the YUV color 36.9550, -11.8098,

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

36.9550, -11.8098, 7.9325

Protanopia

36.6450, -11.6570, 5.5733

Deuteranopia

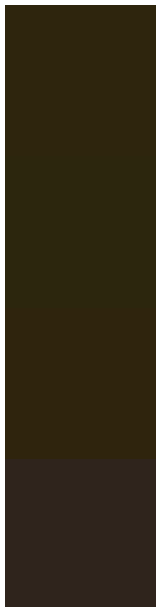
36.9660, -11.8152, 9.6768



Tritanopia

39.1150, -1.0427, 7.7921

Trichromacy



Original Color

36.9550, -11.8098, 7.9325

Protanomaly

36.9440, -11.8044, 6.1881

Deuteranomaly

36.6670, -11.6678, 9.0620

Tritanomaly

38.3770, -5.1159, 7.5624

Monochromacy



Original Color

36.9550, -11.8098, 7.9325

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9550, -11.8098, 7.9325 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(46, 37, 13)` looks like.

```
.text, #text, p{  
    color:rgb(46, 37, 13)  
}
```

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(46, 37, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 37, 13) }
```

Border

The CSS property to change the border of an element to YUV 36.9550, -11.8098, 7.9325 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(46, 37, 13) }
```


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

```
.border{ border-color:rgb(46, 37, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 37, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 37, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 37, 13);  
box-shadow:4px 4px 4px 4px rgb(46, 37, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.9550, -11.8098, 7.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 37, 13) }
```

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

```
.background{ background-color: rgb(46, 37,  
13) }
```

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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