

Converting Colors

YUV(37.2890, -14.9325,
29.5645)

Have a look what the booklet for
YUV(37.2890, -14.9325, 29.5645)
contains.

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Color

**YUV(37.2890, -14.9325,
29.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	471A07
RGB	71, 26, 7
RGB Percent	28%, 10%, 3%
CMY	0.7216, 0.8980, 0.9725
CMYK	0.00, 0.63, 0.90, 0.72
HSL	18°, 82%, 15%
HSV	18°, 90%, 28%
XYZ	3.0063, 2.0937, 0.4467
YIQ	37.2890, 32.9190, 3.6310

Conversions

Conversions Part 2

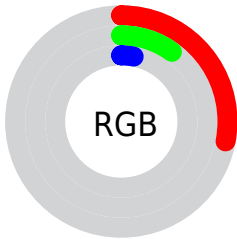
Format	Color
RYB	71, 34, 7
Decimal	4659719
CIELab	15.97, 20.32, 21.15
CIElCh	16, 29.326, 46.149
Yxy	2.0937, 0.5420, 0.3775
Android (android.graphics.Color)	4282849799 (0xFF471A07)
YUV	37.2890, -14.9325, 29.5645
Hunter-Lab	14.4697, 11.7638, 8.2985

Details

The YUV color **37.2890, -14.9325, 29.5645** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.7110, 14.9325, -29.5645**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.3820, -15.9643, 33.8680**, and **2.3920, -1.1793, 4.9182** is the 20% darker color. If you saturate the color by 10%, you get **33.5560, -16.5431, 32.8384**, and if you desaturate by 10%, it is **41.0220, -13.3218, 26.2907**.

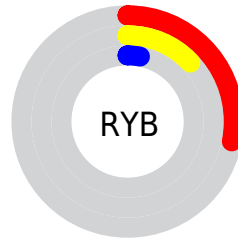
Distribution



Red (28%)

Green (10%)

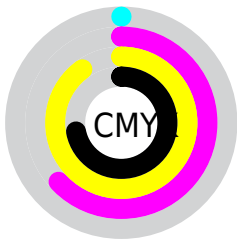
Blue (3%)



Red (28%)

Yellow (13%)

Blue (3%)

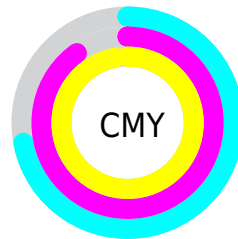


Cyan (0%)

Magenta (63%)

Yellow (90%)

Black (72%)



Cyan (72%)

Magenta (90%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2890, -14.9325, 29.5645 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 37.2890, -14.9325, 29.5645 by changing the saturation by 10% instead.

37.2890, -14.9325,
29.5645

37.2890, -14.9325,
29.5645

252.3780,
-10.0464, 2.2995

16.1020, -7.9383,
26.2205

84.3820, -15.9643,
33.8680

2.3920, -1.1793,
4.9182

109.4640,
-16.9908, 36.4271

0.0000, 0.0000,
0.0000


135.2470,
-17.8698, 38.3714


161.7310,
-18.6014, 39.7009


189.1010,
-19.7698, 41.1304


213.7090,


-18.5905, 36.2122


 233.3370,
-14.4631, 18.9985


 37.2890, -14.9325,
29.5645


 37.2890, -14.9325,
29.5645


 33.5560, -16.5431,
32.8384

 41.0220, -13.3218,
26.2907

 44.7550, -11.7112,
23.0169

 48.4880, -10.1006,
19.7430

 52.2210, -8.4900,
16.4692

 56.0680, -6.4425,
13.0954

■ 59.8010, -4.8319,
9.8215

■ 63.5340, -3.2213,
6.5477

■ 67.2670, -1.6106,
3.2738

■ 71.0000, 0.0000,
0.0000

Harmonies

Analogous

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



36.8950, -3.8922, 35.1721



37.2890, -14.9325, 29.5645



37.8870, -18.6783, 17.6391

Triad

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



37.2890, -14.9325, 29.5645



32.0690, -1.5130, -28.1245



36.2100, 21.5885, -17.7242

Complementary

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



37.2890, -14.9325, 29.5645



40.7110, 14.9325, -29.5645

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.



35.5350, 21.9212, -31.1642



37.2890, -14.9325, 29.5645



34.5770, 8.0965, -30.3240

Square

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



37.2890, -14.9325, 29.5645



31.8720, -12.7549, -15.6737



36.0420, 16.2483, -31.6088



41.3340, 13.6393, 11.9851

Rectangle

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



37.2890, -14.9325, 29.5645



37.5330, -18.5038, 8.3026



36.0420, 16.2483, -31.6088



33.3010, 23.5156, -29.2050

Sweetspot

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



37.2890, -14.9325, 29.5645



78.5840, -5.7109, 11.7658



31.3800, 10.6587, 34.7467



38.4200, -3.6581, 6.6477



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



37.2890, -14.9325, 29.5645



43.3570, -21.3750, 42.6599



55.4860, -23.9036, 13.6058



33.7830, -0.8790, 1.9443



47.2110, -23.2750, 45.4190



107.2020, -52.8506, 105.0628

Inverse Universe

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



40.7110, 14.9325, -29.5645



48.6430, 21.3750, -42.6599



22.5140, 23.9036, -13.6058



34.2170, 0.8790, -1.9443



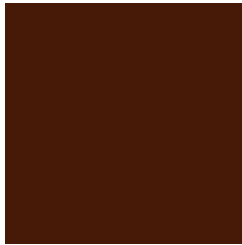
52.3760, 22.9856, -45.9338



119.7980, 52.8506, -105.0628

Previews

White Background



This preview shows how the YUV color 37.2890, -14.9325, 29.5645 looks on a white background.

Color Contrast Check

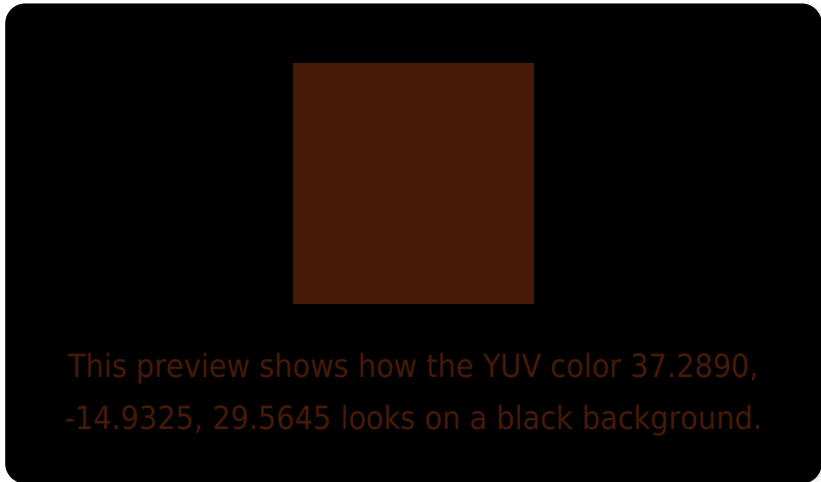
Large Text (above 18pt) WCAG AA ✓ Pass

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

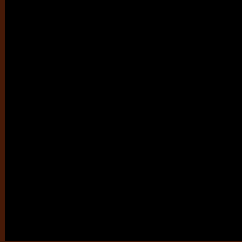
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.2890, -14.9325, 29.5645

Background



This preview shows how black text looks on a background with the YUV color 37.2890, -14.9325, 29.5645.

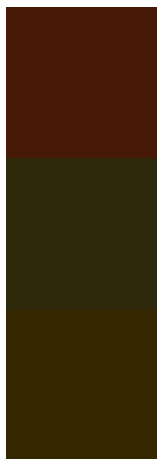


This preview shows how white text looks on a background with the YUV color 37.2890, -14.9325,

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

37.2890, -14.9325, 29.5645

Protanopia

39.0750, -13.8410, 6.0732

Deuteranopia

38.4410, -18.9514, 11.8912



Tritanopia

38.5800, -6.2019, 29.3093

Trichromacy



Original Color

37.2890, -14.9325, 29.5645

Protanomaly

38.7170, -14.1575, 14.2802

Deuteranomaly

37.9410, -17.2259, 18.4687

Tritanomaly

38.3690, -9.5489, 29.4944

Monochromacy



Original Color

37.2890, -14.9325, 29.5645

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9860, -5.4161, 10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2890, -14.9325, 29.5645 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(71, 26, 7)` looks like.

```
.text, #text, p{  
    color:rgb(71, 26, 7)  
}
```

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(71, 26, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 26, 7) }
```

Border

The CSS property to change the border of an element to YUV 37.2890, -14.9325, 29.5645 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(71, 26, 7) }
```


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

```
.border{ border-color:rgb(71, 26, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 26, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 26, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 26, 7); box-shadow:4px  
4px 4px 4px rgb(71, 26, 7) }
```

Background

The CSS property to change the background color of an element to YUV 37.2890, -14.9325, 29.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 26, 7) }
```

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

```
.background{ background-color: rgb(71, 26,  
7) }
```

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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