

Converting Colors

YUV(105.9490, -46.3169,
15.8307)

Have a look what the booklet for
YUV(105.9490, -46.3169, 15.8307)
contains.

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Color

**YUV(105.9490, -46.3169,
15.8307)**

Conversions

Conversions Part 1

Format	Color
Hex	7C730C
RGB	124, 115, 12
RGB Percent	49%, 45%, 5%
CMY	0.5137, 0.5490, 0.9529
CMYK	0.00, 0.07, 0.90, 0.51
HSL	55°, 82%, 27%
HSV	55°, 90%, 49%
XYZ	14.5093, 16.5731, 2.7820
YIQ	105.9490, 38.4270, -30.1250

Conversions

Conversions Part 2

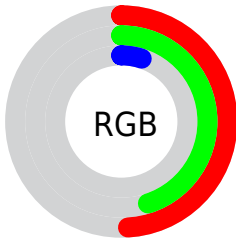
Format	Color
R_{YB}	22, 124, 12
Decimal	8155916
CIE _{Lab}	47.72, -7.42, 50.95
CIE _{LCh}	48, 51.489, 98.289
Yxy	16.5731, 0.4285, 0.4894
Android (android.graphics.Color)	4286345996 (0xFF7C730C)
YUV	105.9490, -46.3169, 15.8307
Hunter-Lab	40.7101, -7.6243, 24.4453

Details

The YUV color **105.9490, -46.3169, 15.8307** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **30.0510, 46.3169, -15.8307**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7150, -44.7225, 17.7899**, and **60.5580, -29.8551, 9.1576** is the 20% darker color. If you saturate the color by 10%, you get **103.9940, -51.2690, 17.5453**, and if you desaturate by 10%, it is **107.9040, -41.3647, 14.1162**.

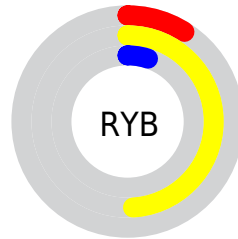
Distribution



Red (49%)

Green (45%)

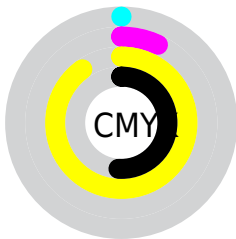
Blue (5%)



Red (9%)

Yellow (49%)

Blue (5%)

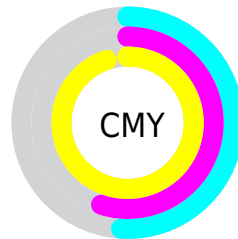


Cyan (0%)

Magenta (7%)

Yellow (90%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.9490, -46.3169, 15.8307 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 105.9490, -46.3169, 15.8307 by changing the saturation by 10% instead.

■ 105.9490,
-46.3169, 15.8307

■ 105.9490,
-46.3169, 15.8307

■ 255.0000, 0.0000,
0.0000

■ 82.4200, -40.6331,
12.7867

■ 159.7150,
-44.7225, 17.7899

■ 60.5580, -29.8551,
9.1576

■ 186.9000,
-45.3067, 18.5047

■ 40.1690, -19.8033,
5.1138

■ 214.6830,
-46.1857, 20.4490

■ 20.9540, -10.3303,
0.0403

■ 239.8670,
-45.2904, 13.2716

■ 0.0000, 0.0000,
0.0000

■ 245.8800,
-34.9438, 7.9982

■ 249.0720,

-22.7135, 5.1989

■ 252.3780,
-10.0464, 2.2995

■ 105.9490,
-46.3169, 15.8307

■ 105.9490,
-46.3169, 15.8307

■ 103.9940,
-51.2690, 17.5453

■ 107.9040,
-41.3647, 14.1162

■ 109.9730,
-35.9757, 12.3017

■ 111.9280,
-31.0235, 10.5871

■ 113.9970,
-25.6345, 8.7726

■ 115.9520,
-20.6823, 7.0581

■ 117.9070,
-15.7302, 5.3436

■ 119.9760,
-10.3412, 3.5290

■ 121.9310, -5.3890,
1.8145

■ 124.0000, 0.0000,
0.0000

Harmonies

Analogous

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



109.0310, -40.4413, 44.6998



105.9490, -46.3169, 15.8307



101.4310, -30.7785, -21.4260

Triad

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



105.9490, -46.3169, 15.8307



96.4080, 34.3089, -84.5498



114.7550, 15.4038, 52.8349

Complementary

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



105.9490, -46.3169, 15.8307



30.0510, 46.3169, -15.8307

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.



115.9700, 32.5528, 12.3043



105.9490, -46.3169, 15.8307



96.0780, 48.2755, -84.2604

Square

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



105.9490, -46.3169, 15.8307



92.7940, 15.3846, -81.3803



99.7700, 48.9204, -57.6803



110.5280, -3.7113, 70.5739

Rectangle

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



105.9490, -46.3169, 15.8307



91.1950, -12.9141, -58.0530



99.7700, 48.9204, -57.6803



115.6980, 21.8409, 41.4839

Sweetspot

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



105.9490, -46.3169, 15.8307



153.6360, -18.0615, 6.4582



46.5140, -12.5784, 67.9552



77.7480, -11.2148, 3.7290



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



105.9490, -46.3169, 15.8307



135.0150, -66.5624, 22.7888



97.1790, -41.9932, -17.6970



60.3160, -2.6208, 0.5999



104.8800, -51.7058, 17.6452



211.5320, -104.2853, 35.4904

Inverse Universe

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



30.0510, 46.3169, -15.8307



25.9850, 66.5624, -22.7888



38.8210, 41.9932, 17.6970



56.2710, 2.3314, -1.1147



20.1200, 51.7058, -17.6452



40.4680, 104.2853, -35.4904

Previews

White Background



This preview shows how the YUV color 105.9490, -46.3169, 15.8307 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 × Fail

Black Background



This preview shows how the YUV color 105.9490, -46.3169, 15.8307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

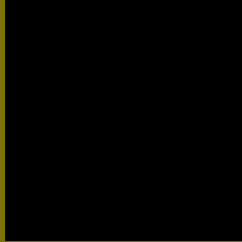
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.9490, -46.3169, 15.8307

Background



This preview shows how black text looks on a background with the YUV color 105.9490, -46.3169, 15.8307.



This preview shows how white text looks on a background with the YUV color 105.9490, -46.3169, 15.8307.

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

105.9490, -46.3169, 15.8307

Protanopia

106.4440, -47.0539, 18.9046

Deuteranopia

107.7320, -43.7449, 30.9300



Tritanopia

115.0880, -0.0434, 13.9548

Trichromacy



Original Color

105.9490, -46.3169, 15.8307

Protanomaly

106.1450, -46.9065, 18.2898

Deuteranomaly

107.0580, -44.8916, 25.3821

Tritanomaly

111.7340, -16.6309, 14.2653

Monochromacy



Original Color

105.9490, -46.3169, 15.8307

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9780, -16.7512, 6.1583

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9490, -46.3169, 15.8307 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(124, 115, 12)` looks like.

```
.text, #text, p{  
    color:rgb(124, 115, 12)  
}
```

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(124, 115, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 115, 12) }
```

Border

The CSS property to change the border of an element to YUV 105.9490, -46.3169, 15.8307 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(124, 115, 12) }
```


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

```
.border{ border-color:rgb(124, 115, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 115, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 115, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 115, 12);  
box-shadow:4px 4px 4px 4px rgb(124, 115,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 105.9490, -46.3169, 15.8307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 115, 12) }
```

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

```
.background{ background-color: rgb(124,  
115, 12) }
```

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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