

Converting Colors

YUV(101.3470, -49.9641,
18.9897)

Have a look what the booklet for
YUV(101.3470, -49.9641, 18.9897)
contains.

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Color

**YUV(101.3470, -49.9641,
18.9897)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6E00
RGB	123, 110, 0
RGB Percent	48%, 43%, 0%
CMY	0.5176, 0.5686, 1.0000
CMYK	0.00, 0.11, 1.00, 0.52
HSL	54°, 100%, 24%
HSV	54°, 100%, 48%
XYZ	13.7443, 15.3628, 2.2409
YIQ	101.3470, 43.0580, -31.4540

Conversions

Conversions Part 2

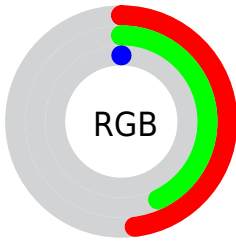
Format	Color
R_{YB}	15, 123, 0
Decimal	8089088
CIE Lab	46.13, -5.35, 52.31
CIE LCh	46, 52.580, 95.838
Yxy	15.3628, 0.4384, 0.4901
Android (android.graphics.Color)	4286279168 (0xFF7B6E00)
YUV	101.3470, -49.9641, 18.9897
Hunter-Lab	39.1954, -5.9990, 24.0470

Details

The YUV color **101.3470, -49.9641, 18.9897** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **21.6530, 49.9641, -18.9897**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0960, -45.8963, 20.9638**, and **57.9110, -28.5501, 10.6021** is the 20% darker color. If you saturate the color by 10%, you get **101.3470, -49.9641, 18.9897**, and if you desaturate by 10%, it is **103.3020, -45.0119, 17.2751**.

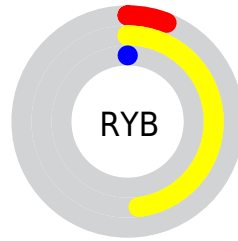
Distribution



Red (48%)

Green (43%)

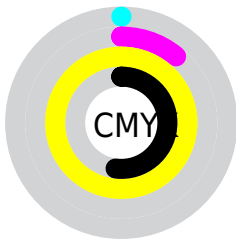
Blue (0%)



Red (6%)

Yellow (48%)

Blue (0%)

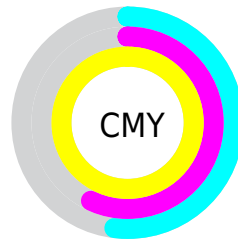


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3470, -49.9641, 18.9897 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 101.3470, -49.9641, 18.9897 by changing the saturation by 10% instead.

■ 101.3470,
-49.9641, 18.9897

■ 101.3470,
-49.9641, 18.9897

254.8860, -0.4368,
0.1000

■ 79.1860, -39.0387,
14.7459

■ 155.0960,
-45.8963, 20.9638

■ 57.9110, -28.5501,
10.6021

■ 182.5800,
-46.6279, 22.2933

■ 37.2230, -18.3509,
5.9434

■ 210.6510,
-47.6489, 23.1081

■ 17.7090, -8.7305,
0.2552


■ 235.5470,
-46.6117, 17.0603


■ 0.0000, 0.0000,
0.0000


■ 245.0820,
-38.0014, 8.6981


■ 248.2740,


-25.7711, 5.8987

 251.5800,
-13.1039, 2.9993


 101.3470,
-49.9641, 18.9897

 103.3020,
-45.0119, 17.2751

 105.9580,
-39.9123, 14.9458

 107.9130,
-34.9601, 13.2313

 109.8680,
-30.0079, 11.5168

 112.5240,
-24.9083, 9.1875

■ 114.4790,
-19.9561, 7.4729

■ 116.4340,
-15.0040, 5.7584

■ 118.3890,
-10.0518, 4.0438

■ 121.0450, -4.9522,
1.7145

Harmonies

Analogous

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



105.3410, -40.5941, 47.0589



101.3470, -49.9641, 18.9897



97.4700, -33.2627, -17.9522

Triad

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



101.3470, -49.9641, 18.9897



93.9630, 32.5562, -82.4056



110.6130, 17.4458, 51.2054

Complementary

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



101.3470, -49.9641, 18.9897



21.6530, 49.9641, -18.9897

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.



111.9910, 34.0214, 7.9009



101.3470, -49.9641, 18.9897



93.7470, 46.9597, -82.2161

Square

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



101.3470, -49.9641, 18.9897



89.6480, 13.4845, -78.6213



88.2020, 53.6374, -77.3532



105.9950, -1.9695, 71.9184

Rectangle

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



101.3470, -49.9641, 18.9897



88.2340, -15.3984, -54.5792



88.2020, 53.6374, -77.3532



111.7300, 23.3041, 38.8248

Sweetspot

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



101.3470, -49.9641, 18.9897



152.4790, -19.9561, 7.4729



38.3730, -12.0159, 74.2179



76.2320, -11.9464, 5.0585



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.



101.3470, -49.9641, 18.9897



132.6670, -65.4048, 24.8480



94.9250, -46.7980, -16.5972



60.3160, -2.6208, 0.5999



103.1190, -50.8377, 19.1896



208.0100, -102.5489, 38.5792

Inverse Universe

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



21.6530, 49.9641, -18.9897



28.3330, 65.4048, -24.8480



28.0750, 46.7980, 16.5972



56.2710, 2.3314, -1.1147



21.8810, 50.8377, -19.1896



44.5770, 102.2595, -39.0940

Previews

White Background



This preview shows how the YUV color 101.3470, -49.9641, 18.9897 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 101.3470, -49.9641, 18.9897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

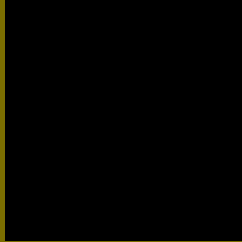
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.3470, -49.9641, 18.9897

Background



This preview shows how black text looks on a background with the YUV color 101.3470, -49.9641, 18.9897.



This preview shows how white text looks on a background with the YUV color 101.3470, -49.9641, 18.9897.

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



Protanopia

101.6460, -50.1115, 19.6045

Deuteranopia

103.9060, -44.3237, 29.9004

Tritanopia

110.9850, -0.4856, 15.7992

Trichromacy



Protanomaly

101.6460, -50.1115, 19.6045

Deuteranomaly

103.0150, -46.3494, 26.2968

Tritanomaly

107.5880, -18.5309, 17.0243

Monochromacy



Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9350, -18.2090, 7.0730

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3470, -49.9641, 18.9897 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(123, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 110, 0)  
}
```

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(123, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 110, 0) }
```

Border

The CSS property to change the border of an element to YUV 101.3470, -49.9641, 18.9897 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(123, 110, 0) }
```

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

```
.border{ border-color:rgb(123, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 110,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 101.3470, -49.9641, 18.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 110, 0) }
```

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

```
.background{ background-color: rgb(123,  
110, 0) }
```

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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