

Converting Colors

YUV(103.4300, -49.0190,
42.5959)

Have a look what the booklet for
YUV(103.4300, -49.0190, 42.5959)
contains.

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Color

**YUV(103.4300, -49.0190,
42.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	986204
RGB	152, 98, 4
RGB Percent	60%, 38%, 2%
CMY	0.4039, 0.6157, 0.9843
CMYK	0.00, 0.36, 0.97, 0.40
HSL	38°, 95%, 31%
HSV	38°, 97%, 60%
XYZ	17.3385, 15.4195, 2.1773
YIQ	103.4300, 62.3580, -17.7860

Conversions

Conversions Part 2

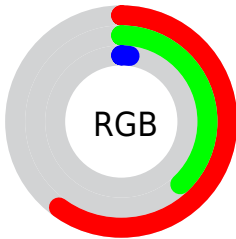
Format	Color
RYB	89, 152, 4
Decimal	9986564
CIELab	46.20, 15.45, 52.96
CIELCh	46, 55.170, 73.735
Yxy	15.4195, 0.4963, 0.4414
Android (android.graphics.Color)	4288176644 (0xFF986204)
YUV	103.4300, -49.0190, 42.5959
Hunter-Lab	39.2677, 10.0974, 24.1999

Details

The YUV color **103.4300, -49.0190, 42.5959** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **52.5700, 49.0190, -42.5959**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7340, -46.7039, 46.7143**, and **58.3420, -28.7626, 32.1491** is the 20% darker color. If you saturate the color by 10%, you get **102.3870, -50.4768, 43.5106**, and if you desaturate by 10%, it is **108.6620, -44.2034, 38.0074**.

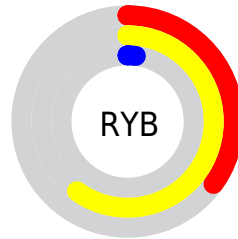
Distribution



Red (60%)

Green (38%)

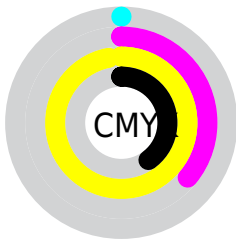
Blue (2%)



Red (35%)

Yellow (60%)

Blue (2%)

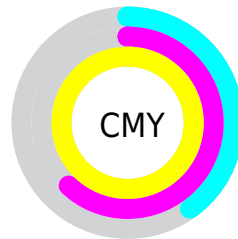


Cyan (0%)

Magenta (36%)

Yellow (97%)

Black (40%)



Cyan (40%)

Magenta (62%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4300, -49.0190, 42.5959 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 103.4300, -49.0190, 42.5959 by changing the saturation by 10% instead.

■ 103.4300,
-49.0190, 42.5959

■ 103.4300,
-49.0190, 42.5959

254.8860, -0.4368,
0.1000

■ 80.2150, -39.5460,
37.5224

■ 157.7340,
-46.7039, 46.7143

■ 58.3420, -28.7626,
32.1491

■ 184.9300,
-47.2935, 49.1734

■ 37.9420, -18.7054,
26.3609

■ 208.5160,
-46.1034, 40.7665

■ 17.8410, -8.7956,
21.1874

■ 227.9160,
-42.8496, 23.7527

■ 0.0000, 0.0000,
0.0000

■ 245.0820,
-38.0014, 8.6981

■ 248.2740,

-25.7711, 5.8987

■ 251.5800,
-13.1039, 2.9993

■ 103.4300,
-49.0190, 42.5959

■ 103.4300,
-49.0190, 42.5959

■ 102.3870,
-50.4768, 43.5106

■ 108.6620,
-44.2034, 38.0074

■ 113.3070,
-39.0984, 33.9338

■ 118.6530,
-33.8459, 29.2453

■ 123.2980,
-28.7409, 25.1717

■ 128.5300,
-23.9253, 20.5832

■ 133.1750,
-18.8203, 16.5095

■ 138.4070,
-14.0047, 11.9211

■ 143.1660, -8.4628,
7.7474

■ 148.3980, -3.6472,
3.1590

Harmonies

Analogous

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



105.2630, -28.7237, 66.4213



103.4300, -49.0190, 42.5959



100.4060, -49.5002, 10.1679

Triad

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



103.4300, -49.0190, 42.5959



91.7170, 18.8735, -80.4358



112.5090, 31.7941, 22.3556

Complementary

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



103.4300, -49.0190, 42.5959



52.5700, 49.0190, -42.5959

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.



100.2490, 49.1772, -46.6994



103.4300, -49.0190, 42.5959



95.4450, 38.2346, -83.7053

Square

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



103.4300, -49.0190, 42.5959



85.0710, -1.5140, -74.6073



94.1860, 51.1803, -82.6011



108.4680, 14.0663, 61.8566

Rectangle

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



103.4300, -49.0190, 42.5959



97.0420, -37.4887, -15.8228



94.1860, 51.1803, -82.6011



111.4790, 37.2319, 4.8419

Sweetspot

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



103.4300, -49.0190, 42.5959



177.7620, -19.1097, 15.9947



54.4080, 1.7709, 85.5882



88.0800, -11.3784, 9.5768



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



103.4300, -49.0190, 42.5959



131.9790, -65.0656, 56.1464



129.1480, -61.6980, 2.5012



74.3270, -2.6262, 2.3442



94.1030, -46.3928, 40.2517



8.5830, -4.2314, 3.8737

Inverse Universe

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



52.5700, 49.0190, -42.5959



64.6080, 64.7763, -56.6612



26.8520, 61.6980, -2.5012



71.6730, 2.6262, -2.3442



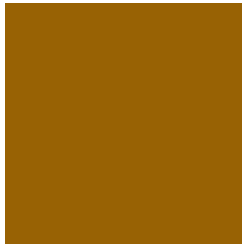
45.8970, 46.3928, -40.2517



4.4170, 4.2314, -3.8737

Previews

White Background



This preview shows how the YUV color 103.4300, -49.0190, 42.5959 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 103.4300, -49.0190, 42.5959 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 103.4300, -49.0190, 42.5959

Background



This preview shows how black text looks on a background with the YUV color 103.4300, -49.0190, 42.5959.



This preview shows how white text looks on a background with the YUV color 103.4300, -49.0190,

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

103.4300, -49.0190, 42.5959

Protanopia

102.9000, -45.3067, 18.5047

Deuteranopia

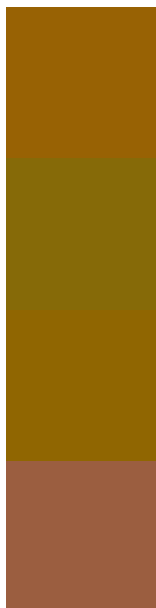
102.6090, -50.5862, 31.9149



Tritanopia

111.2330, -6.5239, 39.2607

Trichromacy



Original Color

103.4300, -49.0190, 42.5959

Protanomaly

103.2000, -46.9336, 27.0116

Deuteranomaly

103.0440, -50.3077, 35.9184

Tritanomaly

108.8190, -22.0958, 40.5007

Monochromacy



Original Color

103.4300, -49.0190, 42.5959

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1040, -17.7993, 15.6948

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4300, -49.0190, 42.5959 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(152, 98, 4)` looks like.

```
.text, #text, p{  
    color:rgb(152, 98, 4)  
}
```

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(152, 98, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 98, 4) }
```

Border

The CSS property to change the border of an element to YUV 103.4300, -49.0190, 42.5959 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(152, 98, 4) }
```


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

```
.border{ border-color:rgb(152, 98, 4) }
```

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

Here you see how a box with a 4 pixel rgb(152, 98, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 98, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 98, 4);  
box-shadow:4px 4px 4px 4px rgb(152, 98, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 103.4300, -49.0190, 42.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 98, 4) }
```

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

```
.background{ background-color: rgb(152, 98,  
4) }
```

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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