

Converting Colors

YUV(100.9690, -49.7777,
52.6472)

Have a look what the booklet for
YUV(100.9690, -49.7777, 52.6472)
contains.

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Color

**YUV(100.9690, -49.7777,
52.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	A15A00
RGB	161, 90, 0
RGB Percent	63%, 35%, 0%
CMY	0.3686, 0.6471, 1.0000
CMYK	0.00, 0.44, 1.00, 0.37
HSL	34°, 100%, 32%
HSV	34°, 100%, 63%
XYZ	18.3541, 14.8894, 1.9066
YIQ	100.9690, 71.2060, -12.9380

Conversions

Conversions Part 2

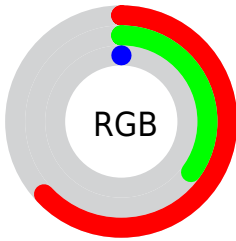
Format	Color
RYB	127, 161, 0
Decimal	10574336
CIELab	45.48, 23.99, 54.07
CIELCh	45, 59.153, 66.071
Yxy	14.8894, 0.5222, 0.4236
Android (android.graphics.Color)	4288764416 (0xFFA15A00)
YUV	100.9690, -49.7777, 52.6472
Hunter-Lab	38.5868, 17.3781, 24.0812

Details

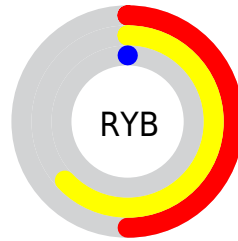
The YUV color **100.9690, -49.7777, 52.6472** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **60.0310, 49.7777, -52.6472**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6860, -47.1732, 57.2804**, and **56.0380, -27.6267, 41.1857** is the 20% darker color. If you saturate the color by 10%, you get **100.9690, -49.7777, 52.6472**, and if you desaturate by 10%, it is **106.9020, -44.8147, 47.4439**.

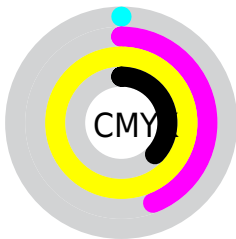
Distribution



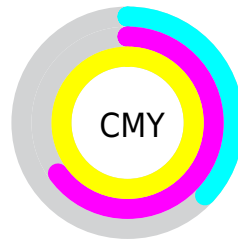
- Red (63%)
- Green (35%)
- Blue (0%)



- Red (50%)
- Yellow (63%)
- Blue (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (100%)
- Black (37%)



- Cyan (37%)
- Magenta (65%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9690, -49.7777, 52.6472 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 100.9690, -49.7777, 52.6472 by changing the saturation by 10% instead.

■ 100.9690,
-49.7777, 52.6472

■ 100.9690,
-49.7777, 52.6472

■ 254.4300, -2.1840,
0.4999

■ 78.2100, -38.5575,
47.1738

■ 155.6860,
-47.1732, 57.2804

■ 56.0380, -27.6267,
41.1857

■ 183.0670,
-48.3470, 60.4542

■ 34.7520, -17.1327,
35.2975

■ 202.7770,
-45.2461, 45.7996

■ 14.3520, -7.0755,
29.5093

■ 222.2910,
-41.5555, 28.6858


■ 3.5880, -1.7689,
7.3773

■ 242.3920,
-38.1543, 11.0572

■ 0.0000, 0.0000,
0.0000


■ 247.9320,


-27.0815, 6.1986


 251.1240,
-14.8511, 3.3993


 100.9690,
-49.7777, 52.6472

 106.9020,
-44.8147, 47.4439

 112.8350,
-39.8517, 42.2407

 118.7680,
-34.8886, 37.0375

 124.7010,
-29.9256, 31.8342

 131.3350,
-24.8152, 26.0162

■ 137.2680,
-19.8521, 20.8130

■ 143.2010,
-14.8891, 15.6097

■ 149.1340, -9.9261,
10.4065

■ 155.0670, -4.9630,
5.2032

Harmonies

Analogous

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



101.4690, -24.3882, 75.8877



100.9690, -49.7777, 52.6472



100.1620, -49.3799, 18.2749

Triad

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



100.9690, -49.7777, 52.6472



89.6480, 13.4845, -78.6213



110.1420, 38.3840, 8.6455

Complementary

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



100.9690, -49.7777, 52.6472



60.0310, 49.7777, -52.6472

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.



88.7550, 58.2948, -77.8381



100.9690, -49.7777, 52.6472



94.5330, 34.7402, -82.9054

Square

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



100.9690, -49.7777, 52.6472



81.9590, -8.3608, -71.8780



94.7730, 50.8909, -83.1159



107.1670, 20.6237, 58.6125

Rectangle

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



100.9690, -49.7777, 52.6472



95.5780, -47.1200, -6.6459



94.7730, 50.8909, -83.1159



106.6060, 44.5642, -13.6865

Sweetspot

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



100.9690, -49.7777, 52.6472



185.3820, -19.4153, 20.7130



56.3470, 7.7169, 91.7807



90.6890, -11.6787, 12.5507



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



100.9690, -49.7777, 52.6472



131.1700, -64.6668, 68.2569



140.2540, -69.1452, 11.1782



78.6260, -2.7736, 2.9590



90.9020, -44.8147, 47.4439



11.2520, -5.5472, 5.9180

Inverse Universe

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



60.0310, 49.7777, -52.6472



77.8300, 64.6668, -68.2569



20.7460, 69.1452, -11.1782



76.3740, 2.7736, -2.9590



54.0980, 44.8147, -47.4439



6.7480, 5.5472, -5.9180

Previews

White Background



This preview shows how the YUV color 100.9690, -49.7777, 52.6472 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 100.9690, -49.7777, 52.6472 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 100.9690, -49.7777, 52.6472

Background



This preview shows how black text looks on a background with the YUV color 100.9690, -49.7777, 52.6472.



This preview shows how white text looks on a background with the YUV color 100.9690, -49.7777, 52.6472.

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

100.9690, -49.7777, 52.6472

Protanopia

101.9430, -43.8489, 17.5900

Deuteranopia

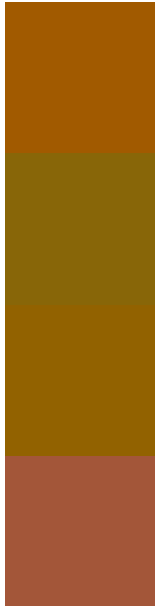
101.4240, -50.0020, 31.2002



Tritanopia

108.6040, -9.1718, 48.5823

Trichromacy



Original Color

100.9690, -49.7777, 52.6472

Protanomaly

101.4500, -46.0709, 30.3003

Deuteranomaly

101.1800, -49.8817, 39.3071

Tritanomaly

105.7170, -24.0175, 50.2372

Monochromacy



Original Color

100.9690, -49.7777, 52.6472

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0120, -18.2469, 19.2835

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9690, -49.7777, 52.6472 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(161, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 90, 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(161, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 90, 0) }
```

Border

The CSS property to change the border of an element to YUV 100.9690, -49.7777, 52.6472 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(161, 90, 0) }
```


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

```
.border{ border-color:rgb(161, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(161, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 100.9690, -49.7777, 52.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 90, 0) }
```

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

```
.background{ background-color: rgb(161, 90,  
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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