

Converting Colors

YUV(99.7510, -49.1772,
46.6994)

Have a look what the booklet for
YUV(99.7510, -49.1772, 46.6994)
contains.

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Color

**YUV(99.7510, -49.1772,
46.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	995C00
RGB	153, 92, 0
RGB Percent	60%, 36%, 0%
CMY	0.4000, 0.6392, 1.0000
CMYK	0.00, 0.40, 1.00, 0.40
HSL	36°, 100%, 30%
HSV	36°, 100%, 60%
XYZ	16.9640, 14.4266, 1.8905
YIQ	99.7510, 65.8880, -15.6800

Conversions

Conversions Part 2

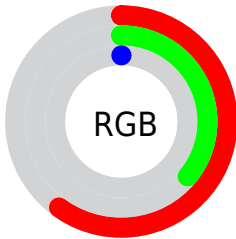
Format	Color
R_{YB}	101, 153, 0
Decimal	10050560
CIE Lab	44.84, 19.28, 53.11
CIE LCh	45, 56.496, 70.048
Yxy	14.4266, 0.5097, 0.4335
Android (android.graphics.Color)	4288240640 (0xFF995C00)
YUV	99.7510, -49.1772, 46.6994
Hunter-Lab	37.9824, 13.2541, 23.6366

Details

The YUV color **99.7510, -49.1772, 46.6994** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **53.2490, 49.1772, -46.6994**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4680, -46.5727, 51.3326**, and **55.7060, -27.4631, 35.3378** is the 20% darker color. If you saturate the color by 10%, you get **99.7510, -49.1772, 46.6994**, and if you desaturate by 10%, it is **104.9830, -44.3616, 42.1109**.

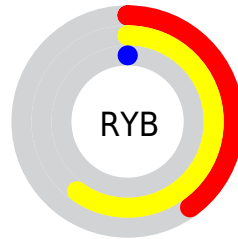
Distribution



Red (60%)

Green (36%)

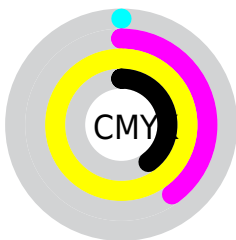
Blue (0%)



Red (40%)

Yellow (60%)

Blue (0%)

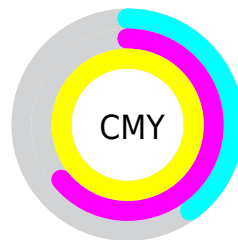


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7510, -49.1772, 46.6994 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 99.7510, -49.1772, 46.6994 by changing the saturation by 10% instead.

99.7510, -49.1772,
46.6994

99.7510, -49.1772,
46.6994

254.4300, -2.1840,
0.4999

76.9920, -37.9571,
41.2260

153.4680,
-46.5727, 51.3326

55.7060, -27.4631,
35.3378

181.5500,
-47.5991, 53.8917

34.4200, -16.9691,
29.4497

203.9510,
-45.8248, 44.7700

14.0310, -6.9173,
25.4058


223.3510,
-42.5710, 27.7562


0.0000, 0.0000,
0.0000

243.5660,
-38.7330, 10.0276


247.8180,


-27.5183, 6.2986


 251.1240,
-14.8511, 3.3993


 99.7510, -49.1772,
46.6994

 104.9830,
-44.3616, 42.1109

 110.3290,
-39.1092, 37.4225

 115.5610,
-34.2936, 32.8340

 120.7930,
-29.4779, 28.2455

 126.7260,
-24.5149, 23.0423

■ 131.9580,
-19.6993, 18.4538

■ 137.1900,
-14.8837, 13.8654

■ 142.4220,
-10.0680, 9.2769

■ 147.7680, -4.8156,
4.5885

Harmonies

Analogous

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



100.8550, -26.5505, 69.4102



99.7510, -49.1772, 46.6994



97.7700, -48.2006, 13.3567

Triad

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



99.7510, -49.1772, 46.6994



88.9300, 15.8105, -77.9916



108.8610, 34.5785, 15.9079

Complementary

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



99.7510, -49.1772, 46.6994



53.2490, 49.1772, -46.6994

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.



84.9080, 56.2474, -74.4643



99.7510, -49.1772, 46.6994



92.8860, 36.0452, -81.4610

Square

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



99.7510, -49.1772, 46.6994



81.5830, -4.7244, -71.5483



92.6700, 50.4487, -81.2716



104.8530, 16.8345, 60.6419

Rectangle

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



99.7510, -49.1772, 46.6994



93.3540, -44.0515, -10.8345



92.6700, 50.4487, -81.2716



106.8200, 40.0217, -3.3501

Sweetspot

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



99.7510, -49.1772, 46.6994



178.0720, -19.2625, 18.3539



52.7010, 4.0914, 87.9622



86.7920, -11.2365, 10.7064



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.



99.7510, -49.1772, 46.6994



129.9410, -64.0609, 60.5647



131.0730, -64.6190, 6.0750



73.7400, -2.3368, 2.8590



91.1680, -44.9458, 42.8257



8.5830, -4.2314, 3.8737

Inverse Universe

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



53.2490, 49.1772, -46.6994



69.0590, 64.0609, -60.5647



21.9270, 64.6190, -6.0750



71.6730, 2.6262, -2.3442



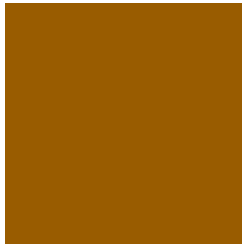
48.8320, 44.9458, -42.8257



4.4170, 4.2314, -3.8737

Previews

White Background



This preview shows how the YUV color 99.7510, -49.1772, 46.6994 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 99.7510, -49.1772, 46.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

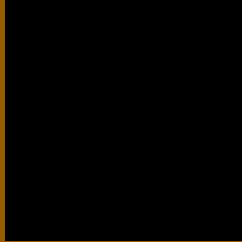
Any Text WCAG AA × Fail

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 99.7510, -49.1772, 46.6994 Background



This preview shows how black text looks on a background with the YUV color 99.7510, -49.1772, 46.6994.



This preview shows how white text looks on a background with the YUV color 99.7510, -49.1772,

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

99.7510, -49.1772, 46.6994

Protanopia

100.0570, -43.4121, 17.4900

Deuteranopia

99.6520, -49.1284, 31.0002



Tritanopia

107.6140, -7.6977, 42.4345

Trichromacy



Original Color

99.7510, -49.1772, 46.6994

Protanomaly

100.2540, -45.4812, 27.8412

Deuteranomaly

99.9840, -49.2921, 36.8480

Tritanomaly

104.7270, -22.5434, 44.0894

Monochromacy



Original Color

99.7510, -49.1772, 46.6994

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8160, -17.6573, 16.8244

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7510, -49.1772, 46.6994 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(153, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 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(153, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 0) }
```

Border

The CSS property to change the border of an element to YUV 99.7510, -49.1772, 46.6994 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(153, 92, 0) }
```


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

```
.border{ border-color:rgb(153, 92, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 92, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 99.7510, -49.1772, 46.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 0) }
```

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

```
.background{ background-color: rgb(153, 92,  
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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