

Converting Colors

YUV(147.8500, -72.8901,
45.7356)

Have a look what the booklet for
YUV(147.8500, -72.8901, 45.7356)
contains.

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Color

**YUV(147.8500, -72.8901,
45.7356)**

Conversions

Conversions Part 1

Format	Color
Hex	C89600
RGB	200, 150, 0
RGB Percent	78%, 59%, 0%
CMY	0.2157, 0.4118, 1.0000
CMYK	0.00, 0.25, 1.00, 0.22
HSL	45°, 100%, 39%
HSV	45°, 100%, 78%
XYZ	34.7258, 34.0921, 4.7502
YIQ	147.8500, 77.9500, -36.0500

Conversions

Conversions Part 2

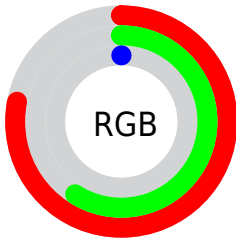
Format	Color
RYB	67, 200, 0
Decimal	13145600
CIELab	65.04, 8.15, 69.31
CIELCh	65, 69.788, 83.291
Yxy	34.0921, 0.4720, 0.4634
Android (android.graphics.Color)	4291335680 (0xFFC89600)
YUV	147.8500, -72.8901, 45.7356
Hunter-Lab	58.3884, 3.9809, 36.0484

Details

The YUV color **147.8500, -72.8901, 45.7356** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **52.1500, 72.8901, -45.7355**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4290, -64.3015, 44.3508**, and **100.8590, -49.7235, 35.2037** is the 20% darker color. If you saturate the color by 10%, you get **147.8500, -72.8901, 45.7356**, and if you desaturate by 10%, it is **153.0650, -65.6010, 41.1620**.

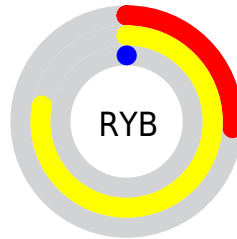
Distribution



Red (78%)

Green (59%)

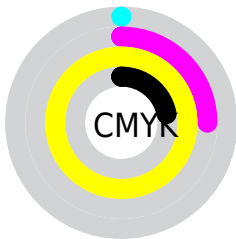
Blue (0%)



Red (26%)

Yellow (78%)

Blue (0%)

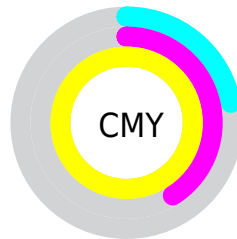


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8500, -72.8901, 45.7356 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 147.8500, -72.8901, 45.7356 by changing the saturation by 10% instead.

■ 147.8500,
-72.8901, 45.7356

■ 147.8500,
-72.8901, 45.7356

■ 255.0000, 0.0000,
0.0000

■ 123.6180,
-60.9437, 40.6770

■ 204.4290,
-64.3015, 44.3508

■ 100.8590,
-49.7235, 35.2037

■ 224.0570,
-60.1741, 27.1370

■ 78.1000, -38.5033,
29.7303

■ 240.6360,
-55.0365, 12.5972

■ 56.8140, -28.0093,
23.8421

■ 243.8280,
-42.8062, 9.7978

■ 36.4140, -17.9521,
18.0539

■ 247.1340,
-30.1391, 6.8985

■ 16.3240, -8.0477,
14.6249

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

■ 253.7460, -4.8048,
1.0998

■ 147.8500,
-72.8901, 45.7356

■ 153.0650,
-65.6010, 41.1620

■ 158.2800,
-58.3120, 36.5884

■ 163.4950,
-51.0230, 32.0149

■ 168.7100,
-43.7340, 27.4413

■ 173.9250,
-36.4450, 22.8678

■ 179.1400,
-29.1560, 18.2942

■ 184.3550,
-21.8670, 13.7207

■ 189.5700,
-14.5780, 9.1471

■ 194.7850, -7.2890,
4.5736

Harmonies

Analogous

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



152.5410, -47.1017, 81.0865



147.8500, -72.8901, 45.7356



143.6420, -60.9555, -2.3170

Triad

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



147.8500, -72.8901, 45.7356



133.2530, 35.8643, -116.8629



161.8960, 35.0543, 50.0802

Complementary

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



147.8500, -72.8901, 45.7356



52.1500, 72.8901, -45.7355

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.



153.9300, 49.8275, -21.8636



147.8500, -72.8901, 45.7356



135.9040, 58.7143, -119.1878

Square

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



147.8500, -72.8901, 45.7356



125.2560, 7.7618, -109.8495



128.2730, 62.4764, -112.4954



152.5470, 11.0693, 89.8513

Rectangle

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



147.8500, -72.8901, 45.7356



137.5350, -38.7178, -41.6882



128.2730, 62.4764, -112.4954



162.2400, 43.2657, 29.6075

Sweetspot

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



147.8500, -72.8901, 45.7356



235.1830, -27.6982, 17.3795



65.5000, -7.6415, 117.9565



115.7120, -16.6200, 10.7766



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.8500, -72.8901, 45.7356



188.3620, -92.8625, 58.4415



162.2500, -79.9892, -10.7432



96.8000, -3.3524, 1.9294



120.3510, -59.3330, 37.4032



26.6130, -13.1202, 8.2324

Inverse Universe

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



52.1500, 72.8901, -45.7355



66.6380, 92.8625, -58.4415



37.7500, 79.9892, 10.7432



92.2000, 3.3524, -1.9294



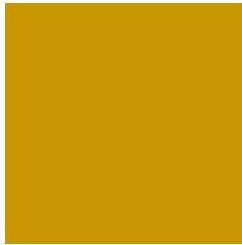
42.6490, 59.3330, -37.4032



9.3870, 13.1202, -8.2324

Previews

White Background



This preview shows how the YUV color 147.8500, -72.8901, 45.7356 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 147.8500, -72.8901, 45.7356 looks on a black 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 ✓ Pass

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

YUV 147.8500, -72.8901, 45.7356

Background



This preview shows how black text looks on a background with the YUV color 147.8500, -72.8901, 45.7356.



This preview shows how white text looks on a background with the YUV color 147.8500, -72.8901,

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

147.8090, -67.4468, 26.4775

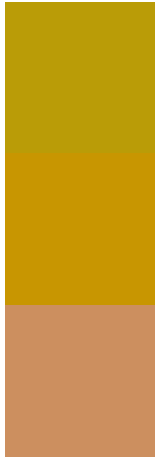
Deuteranopia

148.0780, -72.0165, 45.5356

Tritanopia

160.5860, -5.2189, 40.7051

Trichromacy



Protanomaly

147.9840, -69.5051, 33.3400

Deuteranomaly

147.9640, -72.4533, 45.6356

Tritanomaly

155.7670, -29.9581, 42.3003

Monochromacy



Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1120, -26.6772, 16.5648

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8500, -72.8901, 45.7356 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(200, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(200, 150, 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(200, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 150, 0) }
```

Border

The CSS property to change the border of an element to YUV 147.8500, -72.8901, 45.7356 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(200, 150, 0) }
```

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

```
.border{ border-color:rgb(200, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(200, 150,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 147.8500, -72.8901, 45.7356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 150, 0) }
```

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

```
.background{ background-color: rgb(200,  
150, 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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