

Converting Colors

YUV(72.9700, -34.9882,
-24.5297)

Have a look what the booklet for
YUV(72.9700, -34.9882, -24.5297)
contains.

YUV(72.9700, -34.9882, -24.5297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(72.9700, -34.9882,
-24.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	2D6502
RGB	45, 101, 2
RGB Percent	18%, 40%, 1%
CMY	0.8235, 0.6039, 0.9922
CMYK	0.55, 0.00, 0.98, 0.60
HSL	94°, 96%, 20%
HSV	94°, 98%, 40%
XYZ	5.7468, 9.8696, 1.6596
YIQ	72.9700, -1.5970, -42.6610

Conversions

Conversions Part 2

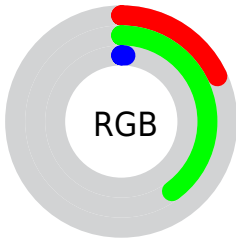
Format	Color
R_{YB}	2, 101, 58
Decimal	2974978
CIE _{Lab}	37.61, -34.82, 42.84
CIE _{LCh}	38, 55.206, 129.106
Yxy	9.8696, 0.3326, 0.5713
Android (android.graphics.Color)	4281165058 (0xFF2D6502)
YUV	72.9700, -34.9882, -24.5297
Hunter-Lab	31.4160, -22.3255, 18.8591

Details

The YUV color **72.9700, -34.9882, -24.5297** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **30.0300, 34.9882, 24.5297**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7250, -33.3884, -24.3148**, and **31.1110, -15.3377, -27.2843** is the 20% darker color. If you saturate the color by 10%, you get **72.4430, -35.7144, -24.9445**, and if you desaturate by 10%, it is **75.9040, -31.5047, -21.8408**.

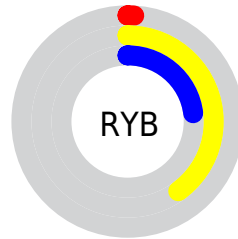
Distribution



Red (18%)

Green (40%)

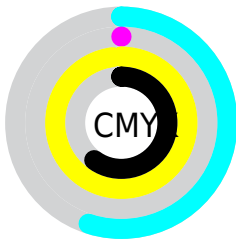
Blue (1%)



Red (1%)

Yellow (40%)

Blue (23%)

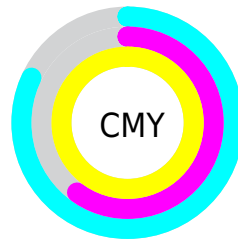


Cyan (55%)

Magenta (0%)

Yellow (98%)

Black (60%)



Cyan (82%)

Magenta (60%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9700, -34.9882, -24.5297 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 72.9700, -34.9882, -24.5297 by changing the saturation by 10% instead.

■ 72.9700, -34.9882,
-24.5297

■ 72.9700, -34.9882,
-24.5297

■ 254.0880, -3.4944,
0.7998

■ 49.9830, -24.6416,
-29.8031

■ 125.7250,
-33.3884, -24.3148

■ 31.1110, -15.3377,
-27.2843

■ 152.6110,
-33.8252, -24.2148

■ 19.9580, -9.8393,
-17.5032

■ 179.3830,
-34.6988, -24.0149


■ 0.0000, 0.0000,
0.0000


■ 207.8560,
-35.4250, -24.4297


■ 230.4590,
-33.2573, -19.6965


■ 242.2080,


-25.7385, -4.5674


 250.7820,
-16.1615, 3.6992


 72.9700, -34.9882,
-24.5297


 72.9700, -34.9882,
-24.5297


 72.4430, -35.7144,
-24.9445

 75.9040, -31.5047,
-21.8408

 78.5390, -27.8737,
-19.7667

 81.4730, -24.3902,
-17.0778

 84.4070, -20.9067,
-14.3889

 87.4550, -16.9863,
-11.8000

■ 90.0900, -13.3554,
-9.7259

■ 93.0240, -9.8718,
-7.0370

■ 95.9580, -6.3883,
-4.3482

■ 98.5930, -2.7573,
-2.2741

Harmonies

Analogous

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



81.8220, -40.3382, 11.5571



72.9700, -34.9882, -24.5297



68.4920, -6.6516, -60.0675

Triad

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



72.9700, -34.9882, -24.5297



79.4820, 45.6114, -69.7057



78.9570, -0.9648, 76.3367

Complementary

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



72.9700, -34.9882, -24.5297



30.0300, 34.9882, 24.5297

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.



85.3580, 17.5715, 57.5680



72.9700, -34.9882, -24.5297



73.0080, 51.2681, -64.0280

Square

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



72.9700, -34.9882, -24.5297



79.2250, 31.9341, -69.4803



90.7960, 33.1316, 13.3339



81.6420, -23.4875, 66.9660

Rectangle

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



72.9700, -34.9882, -24.5297



73.2000, 6.3104, -64.1964



90.7960, 33.1316, 13.3339



80.0690, 5.8820, 73.6075

Sweetspot

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



72.9700, -34.9882, -24.5297



119.3890, -13.5028, -9.1112



63.2990, -30.2204, 33.0638



59.4910, -8.1301, -5.6926



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



72.9700, -34.9882, -24.5297



93.0540, -45.8756, -32.4964



60.6830, -26.4657, -51.4650



49.5330, -1.7418, -1.3444



82.4550, -40.6503, -28.4630



173.4490, -85.5104, -60.0298

Inverse Universe

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



30.0300, 34.9882, 24.5297



36.9460, 45.8756, 32.4964



42.3170, 26.4657, 51.4650



47.4670, 1.7418, 1.3444



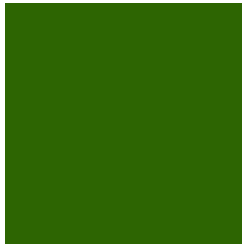
32.5450, 40.6503, 28.4630



68.5510, 85.5104, 60.0298

Previews

White Background



This preview shows how the YUV color 72.9700, -34.9882, -24.5297 looks on a white background.

Color Contrast Check

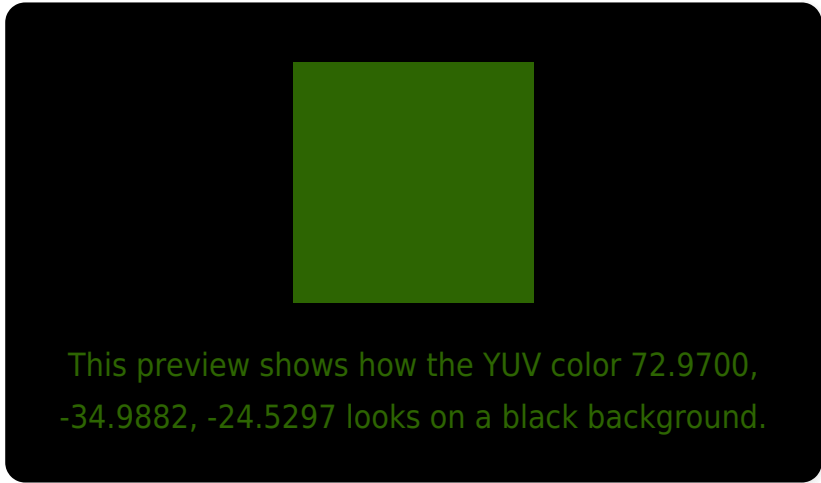
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 72.9700, -34.9882, -24.5297

Background



This preview shows how black text looks on a background with the YUV color 72.9700, -34.9882, -24.5297.



This preview shows how white text looks on a background with the YUV color 72.9700, -34.9882, -24.5297.

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

72.9700, -34.9882, -24.5297

Protanopia

82.1430, -40.4965, 15.6606

Deuteranopia

84.8910, -31.4983, 22.8976



Tritanopia

84.6320, 8.0694, -21.6023

Trichromacy



Original Color

72.9700, -34.9882, -24.5297

Protanomaly

78.6250, -38.2691, 1.2059

Deuteranomaly

80.4390, -32.7544, 5.7540

Tritanomaly

80.7940, -7.7864, -22.6213

Monochromacy



Original Color

72.9700, -34.9882, -24.5297

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9160, -12.7766, -8.6963

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9700, -34.9882, -24.5297 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(45, 101, 2)` looks like.

```
.text, #text, p{  
    color:rgb(45, 101, 2)  
}
```

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(45, 101, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 101, 2) }
```

Border

The CSS property to change the border of an element to YUV 72.9700, -34.9882, -24.5297 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(45, 101, 2) }
```


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

```
.border{ border-color:rgb(45, 101, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 101, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 101, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 101, 2);  
box-shadow:4px 4px 4px 4px rgb(45, 101, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.9700, -34.9882, -24.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 101, 2) }
```

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

```
.background{ background-color: rgb(45, 101,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor