

Converting Colors

YUV(88.9820, -36.4731,
-14.8932)

Have a look what the booklet for
YUV(88.9820, -36.4731, -14.8932)
contains.

YUV(88.9820, -36.4731, -14.8932)	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(88.9820, -36.4731,
-14.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	48700F
RGB	72, 112, 15
RGB Percent	28%, 44%, 6%
CMY	0.7176, 0.5608, 0.9412
CMYK	0.36, 0.00, 0.87, 0.56
HSL	85°, 76%, 25%
HSV	85°, 87%, 44%
XYZ	8.5529, 13.0005, 2.5105
YIQ	88.9820, 7.2970, -38.6470

Conversions

Conversions Part 2

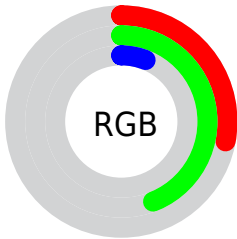
Format	Color
R_{YB}	15, 112, 55
Decimal	4747279
CIE _{Lab}	42.76, -29.23, 44.39
CIE _{LCh}	43, 53.155, 123.367
Yxy	13.0005, 0.3554, 0.5403
Android (android.graphics.Color)	4282937359 (0xFF48700F)
YUV	88.9820, -36.4731, -14.8932
Hunter-Lab	36.0563, -20.7566, 21.1112

Details

The YUV color **88.9820, -36.4731, -14.8932** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **38.0180, 36.4731, 14.8932**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2100, -35.5995, -15.0932**, and **43.5480, -21.4692, -20.6516** is the 20% darker color. If you saturate the color by 10%, you get **86.2330, -40.5409, -16.8673**, and if you desaturate by 10%, it is **91.7310, -32.4054, -12.9191**.

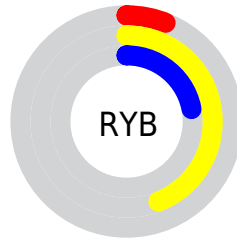
Distribution



 Red (28%)

 Green (44%)

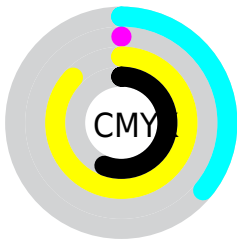
 Blue (6%)



 Red (6%)

 Yellow (44%)

 Blue (22%)

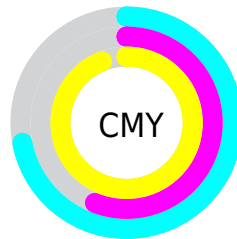


 Cyan (36%)

 Magenta (0%)

 Yellow (87%)

 Black (56%)



 Cyan (72%)

 Magenta (56%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9820, -36.4731, -14.8932 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 88.9820, -36.4731, -14.8932 by changing the saturation by 10% instead.

■ 88.9820, -36.4731,
-14.8932

■ 88.9820, -36.4731,
-14.8932

255.0000, 0.0000,
0.0000

■ 64.8230, -31.9577,
-16.5078

■ 141.2100,
-35.5995, -15.0932

■ 43.5480, -21.4692,
-20.6516

■ 167.9820,
-36.4731, -14.8932

■ 24.0670, -11.8650,
-21.1068

■ 195.7540,
-37.3467, -14.6933

■ 9.9790, -4.9196,
-8.7516

■ 224.2270,
-38.0729, -15.1081

■ 0.0000, 0.0000,
0.0000

■ 240.0850,
-32.5799, -3.5825

■ 248.9580,

-23.1503, 5.2988

■ 252.1500,
-10.9200, 2.4994

■ 88.9820, -36.4731,
-14.8932

■ 88.9820, -36.4731,
-14.8932

■ 86.2330, -40.5409,
-16.8673

■ 91.7310, -32.4054,
-12.9191

■ 85.4780, -42.1407,
-17.0822

■ 94.1810, -28.1902,
-11.5597

■ 97.0440, -23.6857,
-9.6856

■ 99.4940, -19.4705,
-8.3262

■ 102.2430,
-15.4028, -6.3521

■ 104.9920,
-11.3351, -4.3780

■ 107.4420, -7.1199,
-3.0186

■ 110.3050, -2.6154,
-1.1445

■ 113.0540, 1.4524,
0.8296

Harmonies

Analogous

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



94.2700, -46.4751, 19.9342



88.9820, -36.4731, -14.8932



75.9920, -8.3771, -66.6450

Triad

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



88.9820, -36.4731, -14.8932



88.4980, 44.6175, -77.6127



96.0920, 0.9406, 71.8333

Complementary

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



88.9820, -36.4731, -14.8932



38.0180, 36.4731, 14.8932

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.



101.7590, 19.3458, 48.4464



88.9820, -36.4731, -14.8932



83.1810, 52.1688, -72.9497

Square

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



88.9820, -36.4731, -14.8932



87.3120, 29.9192, -76.5726



103.0120, 35.4901, 3.4975



95.8640, -20.1460, 68.5253

Rectangle

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



88.9820, -36.4731, -14.8932



80.5860, 4.1481, -70.6739



103.0120, 35.4901, 3.4975



97.7800, 7.5035, 66.8449

Sweetspot

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



88.9820, -36.4731, -14.8932



136.2970, -13.9504, -5.5225



66.8960, -25.5847, 39.5562



68.3880, -8.5723, -3.8483



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



88.9820, -36.4731, -14.8932



110.5300, -54.4913, -22.3898



74.9290, -29.5450, -43.7877



54.7180, -2.3260, -0.6297



91.3700, -45.0454, -18.7415



188.3440, -92.8536, -38.0127

Inverse Universe

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



38.0180, 36.4731, 14.8932



34.4700, 54.4913, 22.3898



52.0710, 29.5450, 43.7877



51.5810, 2.1786, 1.2445



28.3310, 45.1928, 18.1267



58.6560, 92.8536, 38.0127

Previews

White Background



This preview shows how the YUV color 88.9820, -36.4731, -14.8932 looks on a white background.

Color Contrast Check

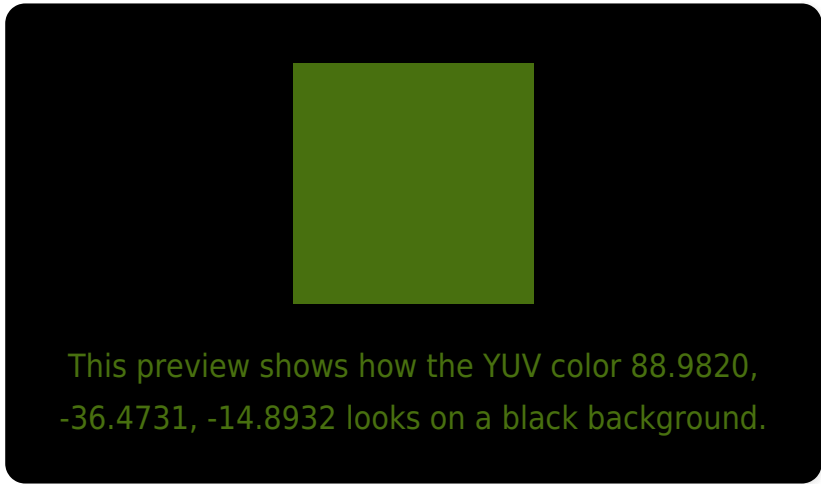
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

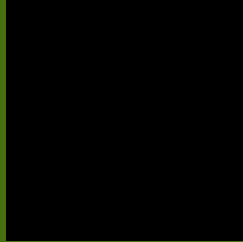
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9820, -36.4731, -14.8932

Background



This preview shows how black text looks on a background with the YUV color 88.9820, -36.4731, -14.8932.



This preview shows how white text looks on a background with the YUV color 88.9820, -36.4731,

-14.8932.

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

88.9820, -36.4731, -14.8932

Protanopia

94.6270, -41.2281, 16.9901

Deuteranopia

97.2890, -35.1455, 26.0565



Tritanopia

99.0460, 6.8793, -13.1953

Trichromacy



Original Color

88.9820, -36.4731, -14.8932

Protanomaly

92.6040, -39.7378, 5.6093

Deuteranomaly

94.3750, -35.6809, 11.0721

Tritanomaly

95.5070, -9.1240, -13.5996

Monochromacy



Original Color

88.9820, -36.4731, -14.8932

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8240, -13.2242, -5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9820, -36.4731, -14.8932 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(72, 112, 15)` looks like.

```
.text, #text, p{  
    color:rgb(72, 112, 15)  
}
```

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(72, 112, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 112, 15) }
```

Border

The CSS property to change the border of an element to YUV 88.9820, -36.4731, -14.8932 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(72, 112, 15) }
```


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

```
.border{ border-color:rgb(72, 112, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 112, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 112, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 112, 15);  
box-shadow:4px 4px 4px 4px rgb(72, 112,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 88.9820, -36.4731, -14.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 112, 15) }
```

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

```
.background{ background-color: rgb(72, 112,  
15) }
```

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