

Converting Colors

YUV(106.8850, -32.4813,
11.5019)

Have a look what the booklet for
YUV(106.8850, -32.4813, 11.5019)
contains.

YUV(106.8850, -32.4813, 11.5019)	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(106.8850, -32.4813,
11.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	787129
RGB	120, 113, 41
RGB Percent	47%, 44%, 16%
CMY	0.5294, 0.5569, 0.8392
CMYK	0.00, 0.06, 0.66, 0.53
HSL	55°, 49%, 32%
HSV	55°, 66%, 47%
XYZ	14.0511, 15.9634, 4.4385
YIQ	106.8850, 27.2840, -20.9080

Conversions

Conversions Part 2

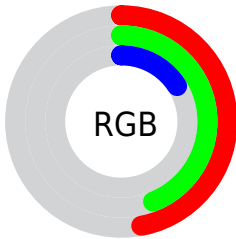
Format	Color
R_{YB}	49, 120, 41
Decimal	7893289
CIE Lab	46.93, -6.86, 39.66
CIE LCh	47, 40.250, 99.807
Yxy	15.9634, 0.4078, 0.4633
Android (android.graphics.Color)	4286083369 (0xFF787129)
YUV	106.8850, -32.4813, 11.5019
Hunter-Lab	39.9542, -7.1451, 21.3815

Details

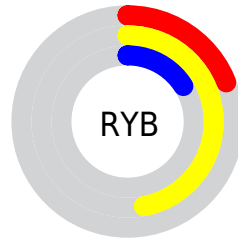
The YUV color **106.8850, -32.4813, 11.5019** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **54.1150, 32.4813, -11.5019**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1410, -34.0865, 13.0313**, and **58.7860, -28.9815, 8.9577** is the 20% darker color. If you saturate the color by 10%, you get **104.9300, -37.4335, 13.2164**, and if you desaturate by 10%, it is **108.8400, -27.5291, 9.7873**.

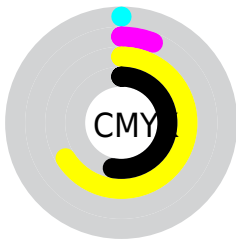
Distribution



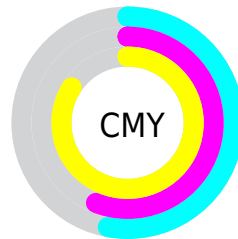
- Red (47%)
- Green (44%)
- Blue (16%)



- Red (19%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (6%)
- Yellow (66%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8850, -32.4813, 11.5019 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 106.8850, -32.4813, 11.5019 by changing the saturation by 10% instead.

■ 106.8850,
-32.4813, 11.5019

■ 106.8850,
-32.4813, 11.5019

■ 255.0000, 0.0000,
0.0000

■ 82.0590, -33.0601,
10.4723

■ 159.1410,
-34.0865, 13.0313

■ 58.7860, -28.9815,
8.9577

■ 186.5110,
-35.2549, 14.4609

■ 38.9840, -19.2191,
4.3990

■ 213.8100,
-35.4023, 15.0756

■ 19.7690, -9.7461,
-0.6744

■ 241.0870,
-35.5389, 12.2017

■ 0.0000, 0.0000,
0.0000

■ 248.2740,
-25.7711, 5.8987

■ 251.5800,

-13.1039, 2.9993

254.7720, -0.8736,
0.2000

■ 106.8850,
-32.4813, 11.5019

■ 106.8850,
-32.4813, 11.5019

■ 104.9300,
-37.4335, 13.2164

■ 108.8400,
-27.5291, 9.7873

■ 102.9750,
-42.3857, 14.9309

■ 110.7950,
-22.5769, 8.0728

■ 101.0200,
-47.3379, 16.6455

■ 112.7500,
-17.6247, 6.3582

■ 99.8630, -49.2325,
17.6601

■ 114.7050,
-12.6726, 4.6437

■ 116.6600, -7.7204,
2.9292

■ 118.6150, -2.7682,
1.2146

■ 120.5700, 2.1840,
-0.4999

■ 123.1120, 6.8468,
-2.7292

■ 125.0670, 11.7990,
-4.4438

Harmonies

Analogous

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



109.1960, -30.6626, 34.9081



106.8850, -32.4813, 11.5019



102.9290, -22.6430, -17.4777

Triad

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



106.8850, -32.4813, 11.5019



92.1050, 30.5142, -80.7761



114.0110, 10.3476, 41.2094

Complementary

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



106.8850, -32.4813, 11.5019



54.1150, 32.4813, -11.5019

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.



114.3800, 23.9697, 11.9447



106.8850, -32.4813, 11.5019



90.8630, 40.9865, -79.6869

Square

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



106.8850, -32.4813, 11.5019



89.0440, 16.2473, -78.0916



106.6780, 35.1617, -31.2896



111.6740, -5.2623, 54.6599

Rectangle

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



106.8850, -32.4813, 11.5019



97.2880, -10.4950, -40.5946



106.6780, 35.1617, -31.2896



114.3350, 15.6108, 33.0322

Sweetspot

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



106.8850, -32.4813, 11.5019



150.5910, -13.1094, 4.7437



65.5330, -8.1508, 47.7676



75.6600, -7.7204, 2.9292



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



106.8850, -32.4813, 11.5019



135.5210, -50.5429, 17.9601



101.4260, -29.7900, -11.7746



60.3160, -2.6208, 0.5999



104.2930, -51.4164, 18.1600



210.3580, -103.7065, 36.5200

Inverse Universe

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



54.1150, 32.4813, -11.5019



53.4790, 50.5429, -17.9601



59.5740, 29.7900, 11.7746



56.2710, 2.3314, -1.1147



20.7070, 51.4164, -18.1600



41.6420, 103.7065, -36.5200

Previews

White Background



This preview shows how the YUV color 106.8850, -32.4813, 11.5019 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 106.8850, -32.4813, 11.5019 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 106.8850, -32.4813, 11.5019

Background



This preview shows how black text looks on a background with the YUV color 106.8850, -32.4813, 11.5019.



This preview shows how white text looks on a background with the YUV color 106.8850, -32.4813, 11.5019.

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

106.8850, -32.4813, 11.5019

Protanopia

107.4940, -32.7815, 14.4758

Deuteranopia

108.6850, -32.3827, 26.5863



Tritanopia

112.8920, 0.5462, 11.4957

Trichromacy



Original Color

106.8850, -32.4813, 11.5019

Protanomaly

107.1950, -32.6341, 13.8610

Deuteranomaly

108.2390, -32.6558, 20.8384

Tritanomaly

110.9770, -11.8207, 11.4212

Monochromacy



Original Color

106.8850, -32.4813, 11.5019

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9330, -11.7990, 4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8850, -32.4813, 11.5019 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(120, 113, 41)` looks like.

```
.text, #text, p{  
    color:rgb(120, 113, 41)  
}
```

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(120, 113, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 113, 41) }
```

Border

The CSS property to change the border of an element to YUV 106.8850, -32.4813, 11.5019 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(120, 113, 41) }
```


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

```
.border{ border-color:rgb(120, 113, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 113, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 113, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 113, 41);  
box-shadow:4px 4px 4px 4px rgb(120, 113,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 106.8850, -32.4813, 11.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 113, 41) }
```

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

```
.background{ background-color: rgb(120,  
113, 41) }
```

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