

Converting Colors

YUV(99.6730, -47.6598,
26.5968)

Have a look what the booklet for
YUV(99.6730, -47.6598, 26.5968)
contains.

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Color

**YUV(99.6730, -47.6598,
26.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	826703
RGB	130, 103, 3
RGB Percent	51%, 40%, 1%
CMY	0.4902, 0.5961, 0.9882
CMYK	0.00, 0.21, 0.98, 0.49
HSL	47°, 95%, 26%
HSV	47°, 98%, 51%
XYZ	14.0726, 14.4529, 2.1341
YIQ	99.6730, 48.1920, -25.3760

Conversions

Conversions Part 2

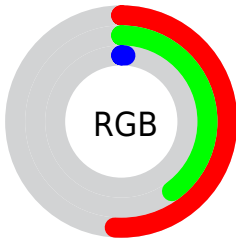
Format	Color
RYB	37, 130, 3
Decimal	8546051
CIELab	44.88, 2.12, 51.03
CIELCh	45, 51.078, 87.622
Yxy	14.4529, 0.4590, 0.4714
Android (android.graphics.Color)	4286736131 (0xFF826703)
YUV	99.6730, -47.6598, 26.5968
Hunter-Lab	38.0170, -0.4550, 23.2836

Details

The YUV color **99.6730, -47.6598, 26.5968** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **33.3270, 47.6598, -26.5968**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3790, -45.0498, 29.4856**, and **56.1830, -27.6982, 17.3795** is the 20% darker color. If you saturate the color by 10%, you get **98.7440, -48.6808, 27.4115**, and if you desaturate by 10%, it is **102.9160, -42.8496, 23.7527**.

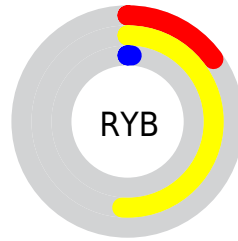
Distribution



Red (51%)

Green (40%)

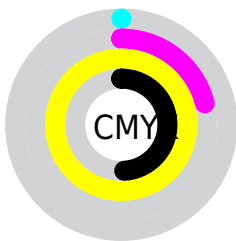
Blue (1%)



Red (15%)

Yellow (51%)

Blue (1%)

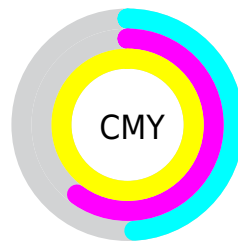


Cyan (0%)

Magenta (21%)

Yellow (98%)

Black (49%)



Cyan (49%)

Magenta (60%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.6730, -47.6598, 26.5968 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 99.6730, -47.6598, 26.5968 by changing the saturation by 10% instead.

■ 99.6730, -47.6598,
26.5968

■ 99.6730, -47.6598,
26.5968

■ 254.7720, -0.8736,
0.2000

■ 77.1700, -38.0448,
22.6529

■ 153.3790,
-45.0498, 29.4856

■ 56.1830, -27.6982,
17.3795

■ 180.2760,
-45.4921, 31.3299

■ 35.4950, -17.4990,
12.7209

■ 208.6460,
-46.6605, 32.7595

■ 16.2800, -8.0260,
7.6474


■ 230.8510,
-44.2965, 21.1787


■ 0.0000, 0.0000,
0.0000


■ 245.0820,
-38.0014, 8.6981


■ 248.2740,


-25.7711, 5.8987

 251.4660,
-13.5407, 3.0993


 99.6730, -47.6598,
26.5968


 99.6730, -47.6598,
26.5968


 98.7440, -48.6808,
27.4115

 102.9160,
-42.8496, 23.7527

 106.1590,
-38.0394, 20.9086

 108.8150,
-32.9398, 18.5792

 112.0580,
-28.1296, 15.7351

 115.3010,
-23.3194, 12.8910

■ 118.5440,
-18.5092, 10.0469

■ 121.2000,
-13.4096, 7.7176

■ 124.4430, -8.5994,
4.8735

■ 127.6860, -3.7892,
2.0294

Harmonies

Analogous

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



102.5680, -34.7900, 52.1219



99.6730, -47.6598, 26.5968



96.0970, -37.5158, -7.1011

Triad

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



99.6730, -47.6598, 26.5968



90.4920, 26.8724, -79.3615



108.5730, 21.4095, 39.8395

Complementary

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



99.6730, -47.6598, 26.5968



33.3270, 47.6598, -26.5968

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.



106.7010, 37.1224, -6.7538



99.6730, -47.6598, 26.5968



91.9060, 42.4443, -80.6016

Square

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



99.6730, -47.6598, 26.5968



85.4760, 7.6533, -74.9625



87.6320, 51.4534, -76.8533



103.7430, 3.5777, 66.0004

Rectangle

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



99.6730, -47.6598, 26.5968



91.4060, -22.8782, -35.4361



87.6320, 51.4534, -76.8533



108.9780, 27.1258, 26.3293

Sweetspot

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



99.6730, -47.6598, 26.5968



156.5440, -18.5092, 10.0469



44.1650, -6.4903, 75.2773



77.1720, -10.9308, 5.9882



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



99.6730, -47.6598, 26.5968



128.3030, -63.2534, 34.8143



104.7580, -50.1667, -9.4348



62.0280, -2.4788, 1.7294



96.9720, -47.8072, 27.2116



0.0000, 0.0000, 0.0000

Inverse Universe

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



33.3270, 47.6598, -26.5968



40.2840, 62.9640, -35.3291



28.2420, 50.1667, 9.4348



58.9720, 2.4788, -1.7294



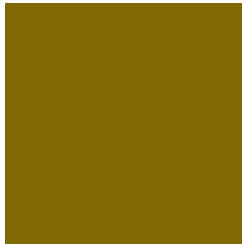
30.4410, 48.0966, -26.6968



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 99.6730, -47.6598, 26.5968 looks on a white background.

Color Contrast Check

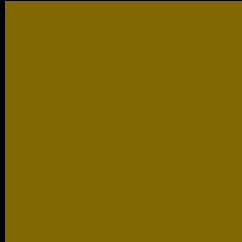
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.6730, -47.6598, 26.5968 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 99.6730, -47.6598, 26.5968

Background



This preview shows how black text looks on a background with the YUV color 99.6730, -47.6598, 26.5968.



This preview shows how white text looks on a background with the YUV color 99.6730, -47.6598,

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

99.6730, -47.6598, 26.5968

Protanopia

99.4870, -45.5961, 17.9899

Deuteranopia

100.6780, -45.1973, 30.1004



Tritanopia

108.4590, -2.6913, 23.2765

Trichromacy



Original Color

99.6730, -47.6598, 26.5968

Protanomaly

99.9820, -46.3331, 21.0638

Deuteranomaly

100.4390, -46.0654, 28.5560

Tritanomaly

105.5180, -18.9894, 24.1017

Monochromacy



Original Color

99.6730, -47.6598, 26.5968

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8860, -17.1988, 9.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6730, -47.6598, 26.5968 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(130, 103, 3)` looks like.

```
.text, #text, p{  
    color:rgb(130, 103, 3)  
}
```

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(130, 103, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 103, 3) }
```

Border

The CSS property to change the border of an element to YUV 99.6730, -47.6598, 26.5968 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(130, 103, 3) }
```


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

```
.border{ border-color:rgb(130, 103, 3) }
```

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

Here you see how a box with a 4 pixel rgb(130, 103, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 103, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 103, 3);  
box-shadow:4px 4px 4px 4px rgb(130, 103,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 99.6730, -47.6598, 26.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 103, 3) }
```

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

```
.background{ background-color: rgb(130,  
103, 3) }
```

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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