

Converting Colors

YUV(103.0370, -33.0492,
6.9836)

Have a look what the booklet for
YUV(103.0370, -33.0492, 6.9836)
contains.

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Color

**YUV(103.0370, -33.0492,
6.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7024
RGB	111, 112, 36
RGB Percent	44%, 44%, 14%
CMY	0.5647, 0.5608, 0.8588
CMYK	0.01, 0.00, 0.68, 0.56
HSL	61°, 51%, 29%
HSV	61°, 68%, 44%
XYZ	12.6682, 15.0952, 3.9151
YIQ	103.0370, 23.8000, -23.8480

Conversions

Conversions Part 2

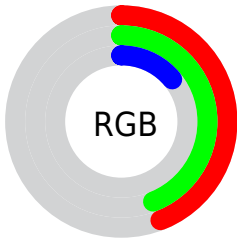
Format	Color
RYB	36, 112, 37
Decimal	7303204
CIELab	45.76, -10.82, 40.48
CIELCh	46, 41.900, 104.967
Yxy	15.0952, 0.3999, 0.4765
Android (android.graphics.Color)	4285493284 (0xFF6F7024)
YUV	103.0370, -33.0492, 6.9836
Hunter-Lab	38.8526, -9.7908, 21.2223

Details

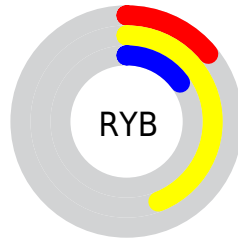
The YUV color **103.0370, -33.0492, 6.9836** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **44.9630, 33.0492, -6.9836**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2930, -34.6544, 8.5130**, and **55.8070, -27.5129, 4.5543** is the 20% darker color. If you saturate the color by 10%, you get **101.7830, -37.8540, 8.0833**, and if you desaturate by 10%, it is **104.2910, -28.2445, 5.8838**.

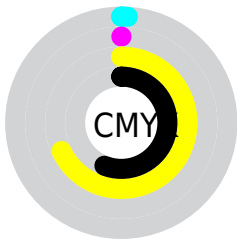
Distribution



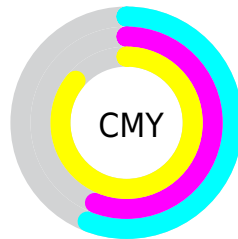
- Red (44%)
- Green (44%)
- Blue (14%)



- Red (14%)
- Yellow (44%)
- Blue (15%)



- Cyan (1%)
- Magenta (0%)
- Yellow (68%)
- Black (56%)



- Cyan (56%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0370, -33.0492, 6.9836 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 103.0370, -33.0492, 6.9836 by changing the saturation by 10% instead.

■ 103.0370,
-33.0492, 6.9836

■ 103.0370,
-33.0492, 6.9836

■ 255.0000, 0.0000,
0.0000

■ 78.0970, -34.0648,
6.0539

■ 155.2930,
-34.6544, 8.5130

■ 55.8070, -27.5129,
4.5543

■ 182.4780,
-35.2387, 9.2278

■ 36.0050, -17.7505,
-0.0044

■ 209.6630,
-35.8229, 9.9425

■ 14.6970, -7.2456,
-9.3813

■ 238.4350,
-36.6965, 10.1425

■ 0.0000, 0.0000,
0.0000

■ 247.7040,
-27.9551, 6.3986

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

103.0370,
-33.0492, 6.9836

103.0370,
-33.0492, 6.9836

101.7830,
-37.8540, 8.0833

104.2910,
-28.2445, 5.8838

100.5290,
-42.6588, 9.1831

105.5450,
-23.4397, 4.7840

99.1610, -47.9004,
10.3828

106.9130,
-18.1981, 3.5843

98.9330, -48.7740,
10.5828

108.4660,
-13.5407, 3.0993

109.7200, -8.7360,
1.9996

■ 110.9740, -3.9312,
0.8998

■ 112.2280, 0.8736,
-0.2000

■ 113.5960, 6.1152,
-1.3997

■ 114.8500, 10.9200,
-2.4994

Harmonies

Analogous

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



105.7890, -33.4200, 32.6340



103.0370, -33.0492, 6.9836



98.0530, -20.7321, -23.7255

Triad

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



103.0370, -33.0492, 6.9836



90.6860, 32.6928, -79.5316



110.4740, 8.1473, 46.9423

Complementary

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



103.0370, -33.0492, 6.9836



44.9630, 33.0492, -6.9836

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.



111.7830, 22.7850, 18.6073



103.0370, -33.0492, 6.9836



88.7430, 43.0177, -77.8276

Square

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



103.0370, -33.0492, 6.9836



88.2120, 18.1365, -77.3619



105.6080, 34.7033, -24.2122



108.0010, -7.8885, 57.0041

Rectangle

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



103.0370, -33.0492, 6.9836



90.2480, -6.5313, -51.9605



105.6080, 34.7033, -24.2122



111.2110, 13.7000, 39.2800

Sweetspot

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



103.0370, -33.0492, 6.9836



141.6940, -12.6671, 2.8994



58.7240, -11.2029, 46.7231



71.9480, -7.8624, 1.7996



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.



103.0370, -33.0492, 6.9836



131.3630, -50.9580, 11.0826



91.9740, -27.5952, -15.7632



55.3160, -2.6208, 0.5999



105.7220, -52.1209, 10.7678



217.9450, -107.4469, 22.8502

Inverse Universe

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



44.9630, 33.0492, -6.9836



41.6370, 50.9580, -11.0826



56.0260, 27.5952, 15.7632



50.9830, 2.4734, 0.0149



14.2780, 52.1209, -10.7678



29.0550, 107.4469, -22.8502

Previews

White Background



This preview shows how the YUV color 103.0370, -33.0492, 6.9836 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 103.0370, -33.0492, 6.9836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

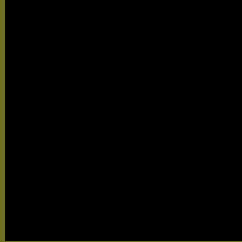
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.0370, -33.0492, 6.9836

Background



This preview shows how black text looks on a background with the YUV color 103.0370, -33.0492, 6.9836.



This preview shows how white text looks on a background with the YUV color 103.0370, -33.0492, 6.9836.

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

103.0370, -33.0492, 6.9836

Protanopia

104.1520, -34.0919, 14.7757

Deuteranopia

105.2720, -32.6721, 26.0715



Tritanopia

109.7990, 1.5781, 7.1923

Trichromacy



Original Color

103.0370, -33.0492, 6.9836

Protanomaly

103.5430, -33.7917, 11.8018

Deuteranomaly

104.2280, -32.6504, 19.0940

Tritanomaly

107.4710, -11.0782, 6.6029

Monochromacy



Original Color

103.0370, -33.0492, 6.9836

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9220, -11.7935, 2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0370, -33.0492, 6.9836 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(111, 112, 36)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 36)  
}
```

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(111, 112, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 36) }
```

Border

The CSS property to change the border of an element to YUV 103.0370, -33.0492, 6.9836 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(111, 112, 36) }
```


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

```
.border{ border-color:rgb(111, 112, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 36);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 103.0370, -33.0492, 6.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 36) }
```

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

```
.background{ background-color: rgb(111,  
112, 36) }
```

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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