

Converting Colors

YUV(99.3780, -26.8084,
11.9465)

Have a look what the booklet for
YUV(99.3780, -26.8084, 11.9465)
contains.

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Color

**YUV(99.3780, -26.8084,
11.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	71672D
RGB	113, 103, 45
RGB Percent	44%, 40%, 18%
CMY	0.5569, 0.5961, 0.8235
CMYK	0.00, 0.09, 0.60, 0.56
HSL	51°, 43%, 31%
HSV	51°, 60%, 44%
XYZ	12.1340, 13.4007, 4.4297
YIQ	99.3780, 24.5780, -15.9180

Conversions

Conversions Part 2

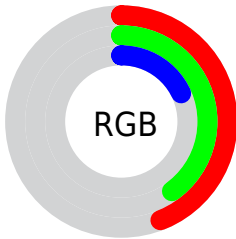
Format	Color
RYB	57, 113, 45
Decimal	7431981
CIELab	43.36, -4.10, 33.56
CIELCh	43, 33.810, 96.970
Yxy	13.4007, 0.4049, 0.4472
Android (android.graphics.Color)	4285622061 (0xFF71672D)
YUV	99.3780, -26.8084, 11.9465
Hunter-Lab	36.6069, -4.8954, 18.4504

Details

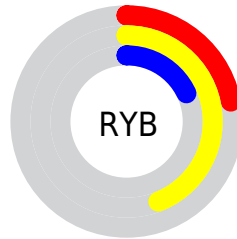
The YUV color **99.3780, -26.8084, 11.9465** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.6220, 26.8084, -11.9465**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9330, -28.5610, 14.0908**, and **51.7090, -25.4925, 9.9022** is the 20% darker color. If you saturate the color by 10%, you get **96.9500, -31.0343, 14.0758**, and if you desaturate by 10%, it is **101.8060, -22.5824, 9.8171**.

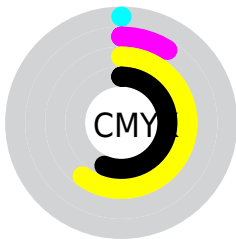
Distribution



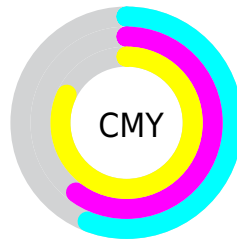
- Red (44%)
- Green (40%)
- Blue (18%)



- Red (22%)
- Yellow (44%)
- Blue (18%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3780, -26.8084, 11.9465 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 99.3780, -26.8084, 11.9465 by changing the saturation by 10% instead.

■ 99.3780, -26.8084,
11.9465

■ 99.3780, -26.8084,
11.9465

255.0000, 0.0000,
0.0000

■ 74.8940, -26.0767,
10.6170

■ 150.9330,
-28.5610, 14.0908

■ 51.7090, -25.4925,
9.9022

■ 177.7050,
-29.4346, 14.2907

■ 32.2060, -15.8776,
5.9583

■ 205.1890,
-30.1662, 15.6202

■ 10.6100, -5.2307,
-2.2890

■ 233.3740,
-30.7504, 16.3350

■ 0.0000, 0.0000,
0.0000

■ 248.6160,
-24.4607, 5.5988

■ 251.8080,

-12.2303, 2.7994

■ 99.3780, -26.8084,
11.9465

■ 99.3780, -26.8084,
11.9465

■ 96.9500, -31.0343,
14.0758

■ 101.8060,
-22.5824, 9.8171

■ 94.9950, -35.9865,
15.7904

■ 103.7610,
-17.6302, 8.1026

■ 92.5670, -40.2125,
17.9197

■ 106.1890,
-13.4042, 5.9732

■ 90.1390, -44.4385,
20.0491

■ 108.6170, -9.1782,
3.8439

■ 110.5720, -4.2260,
2.1294

■ 113.0000, 0.0000,
0.0000

■ 115.4280, 4.2260,
-2.1294

■ 117.2690, 8.7414,
-3.7439

■ 119.8110, 13.4042,
-5.9732

Harmonies

Analogous

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



101.3680, -24.8314, 31.2493



99.3780, -26.8084, 11.9465



96.3580, -19.8965, -11.7150

Triad

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



99.3780, -26.8084, 11.9465



83.4820, 25.3984, -73.2137



105.4290, 9.6485, 32.0728

Complementary

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



99.3780, -26.8084, 11.9465



58.6220, 26.8084, -11.9465

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.



105.1360, 20.6390, 6.8967



99.3780, -26.8084, 11.9465



82.5990, 34.7077, -72.4393

Square

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



99.3780, -26.8084, 11.9465



80.9910, 13.3154, -71.0291



98.5060, 29.3305, -27.6308



103.7760, -3.3406, 44.9234

Rectangle

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



99.3780, -26.8084, 11.9465



92.6530, -10.6749, -29.5137



98.5060, 29.3305, -27.6308



105.7100, 13.4540, 24.8103

Sweetspot

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



99.3780, -26.8084, 11.9465



142.5740, -10.6360, 4.7586



66.4720, -5.6557, 40.8051



71.0020, -6.4100, 2.6292



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.



99.3780, -26.8084, 11.9465



126.4100, -42.1071, 18.9344



98.0720, -26.1645, -7.9561



54.7290, -2.3314, 1.1147



95.7540, -47.2067, 21.2637



197.7100, -97.4710, 43.2273

Inverse Universe

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



58.6220, 26.8084, -11.9465



62.5900, 42.1071, -18.9344



59.9280, 26.1645, 7.9561



51.2710, 2.3314, -1.1147



24.2460, 47.2067, -21.2637



49.2900, 97.4710, -43.2273

Previews

White Background



This preview shows how the YUV color 99.3780, -26.8084, 11.9465 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 99.3780, -26.8084, 11.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

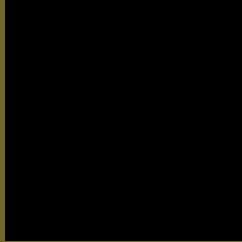
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3780, -26.8084, 11.9465

Background



This preview shows how black text looks on a background with the YUV color 99.3780, -26.8084, 11.9465.



This preview shows how white text looks on a background with the YUV color 99.3780, -26.8084,

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

99.3780, -26.8084, 11.9465

Protanopia

99.6770, -26.9558, 12.5613

Deuteranopia

100.8570, -26.5515, 22.9274



Tritanopia

104.0770, -0.0380, 12.2105

Trichromacy



Original Color

99.3780, -26.8084, 11.9465

Protanomaly

99.6770, -26.9558, 12.5613

Deuteranomaly

100.4220, -26.8300, 18.9239

Tritanomaly

102.2590, -9.4947, 12.0509

Monochromacy



Original Color

99.3780, -26.8084, 11.9465

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3780, -26.8084, 11.9465 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(113, 103, 45)` looks like.

```
.text, #text, p{  
    color:rgb(113, 103, 45)  
}
```

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(113, 103, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 103, 45) }
```

Border

The CSS property to change the border of an element to YUV 99.3780, -26.8084, 11.9465 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(113, 103, 45) }
```


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

```
.border{ border-color:rgb(113, 103, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 103, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 103, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 103, 45);  
box-shadow:4px 4px 4px 4px rgb(113, 103,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 99.3780, -26.8084, 11.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 103, 45) }
```

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

```
.background{ background-color: rgb(113,  
103, 45) }
```

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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