

Converting Colors

YUV(33.3740, 26.4376, 13.7040)

Have a look what the booklet for
YUV(33.3740, 26.4376, 13.7040)
contains.

YUV(33.3740, 26.4376, 13.7040)	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>	30

Color

**YUV(33.3740, 26.4376,
13.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	310F57
RGB	49, 15, 87
RGB Percent	19%, 6%, 34%
CMY	0.8078, 0.9412, 0.6588
CMYK	0.44, 0.83, 0.00, 0.66
HSL	268°, 71%, 20%
HSV	268°, 83%, 34%
XYZ	3.1577, 1.6827, 9.1752
YIQ	33.3740, -2.8480, 29.6000

Conversions

Conversions Part 2

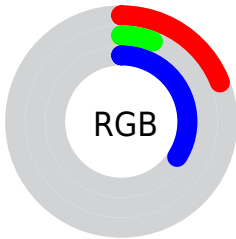
Format	Color
R_{YB}	49, 15, 87
Decimal	3215191
CIE _{Lab}	13.73, 32.61, -36.43
CIE _{LCh}	14, 48.895, 311.831
Yxy	1.6827, 0.2253, 0.1201
Android (android.graphics.Color)	4281405271 (0xFF310F57)
YUV	33.3740, 26.4376, 13.7040
Hunter-Lab	12.9720, 20.7507, -32.8557

Details

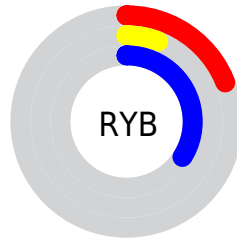
The YUV color **33.3740, 26.4376, 13.7040** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **68.6260, -26.4376, -13.7040**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.4390, 27.8846, 16.2780**, and **4.6740, 17.9087, -4.0991** is the 20% darker color. If you saturate the color by 10%, you get **26.5960, 29.7792, 15.2633**, and if you desaturate by 10%, it is **40.1520, 23.0961, 12.1447**.

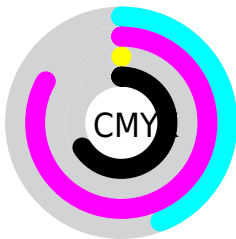
Distribution



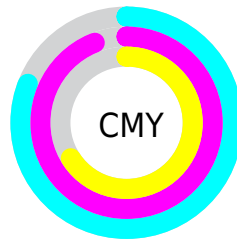
- Red (19%)
- Green (6%)
- Blue (34%)



- Red (19%)
- Yellow (6%)
- Blue (34%)



- Cyan (44%)
- Magenta (83%)
- Yellow (0%)
- Black (66%)



- Cyan (81%)
- Magenta (94%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.3740, 26.4376, 13.7040 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 33.3740, 26.4376, 13.7040 by changing the saturation by 10% instead.

■ 33.3740, 26.4376,
13.7040

■ 33.3740, 26.4376,
13.7040

■ 250.3040, 2.3151,
4.1184

■ 14.9560, 23.6857,
9.6856

■ 81.4390, 27.8846,
16.2780

■ 4.6740, 17.9087,
-4.0991

■ 106.2650, 28.4634,
17.3076

■ 2.6390, 7.5730,
-2.3144

■ 132.2050, 29.4789,
18.2372


■ 0.0000, 0.0000,
0.0000


■ 158.7320, 30.2051,
18.6520


■ 186.1450, 30.4945,
19.1668


■ 211.4630, 21.4637,


22.3959


 233.2810, 10.7075,
19.0476


 33.3740, 26.4376,
13.7040


 33.3740, 26.4376,
13.7040


 26.5960, 29.7792,
15.2633


 40.1520, 23.0961,
12.1447

 22.1770, 31.9577,
16.5078

 46.0440, 20.1913,
10.4854

 52.8220, 16.8498,
8.9261

 59.3010, 13.6556,
6.7520

 65.4920, 10.6034,
5.7075

■ 72.2700, 7.2619,
4.1482

■ 78.7490, 4.0677,
1.9741

■ 85.5270, 0.7262,
0.4148

■ 91.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



32.9880, 35.0089, -28.9305



33.3740, 26.4376, 13.7040



31.0160, 12.8101, 44.7130

Triad

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



33.3740, 26.4376, 13.7040



32.9140, -16.2266, 24.6314



34.2350, 6.7861, -30.0241

Complementary

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



33.3740, 26.4376, 13.7040



68.6260, -26.4376, -13.7040

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.



28.7290, -9.2334, -25.1953



33.3740, 26.4376, 13.7040



31.8740, -15.7139, 0.1105

Square

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



33.3740, 26.4376, 13.7040



24.5180, -12.0874, 50.4117



25.8280, -12.7332, -22.6512



37.4100, 21.4899, -32.8086

Rectangle

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



33.3740, 26.4376, 13.7040



30.9000, 2.0213, 51.8307



25.8280, -12.7332, -22.6512



32.2800, 1.8340, -28.3096

Sweetspot

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



33.3740, 26.4376, 13.7040



91.0790, 10.3141, 5.1927



45.5140, 20.4526, -26.7608



43.3300, 6.2463, 3.2186



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



33.3740, 26.4376, 13.7040



29.5010, 40.6720, 21.4856



44.1380, 21.1310, 35.8360



40.0540, 1.4524, 0.8296



27.4470, 39.2196, 20.6560



59.9790, 86.2854, 44.7454

Inverse Universe

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



40.8600, 5.9850, 40.4648



40.9150, 9.4089, 62.3415



57.8620, -21.1310, -35.8360



40.4240, 0.2840, 2.2592



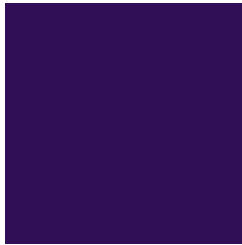
38.4910, 9.1249, 60.0824



84.4010, 19.5223, 132.0753

Previews

White Background



This preview shows how the YUV color 33.3740, 26.4376, 13.7040 looks on a white background.

Color Contrast Check

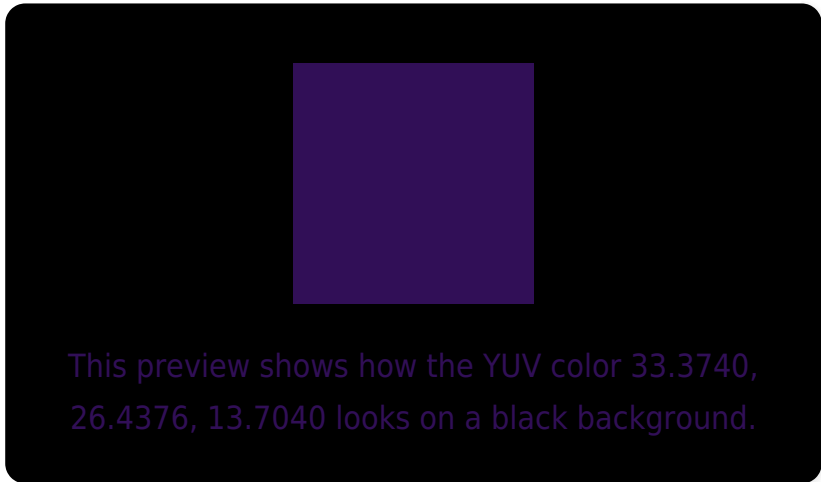
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

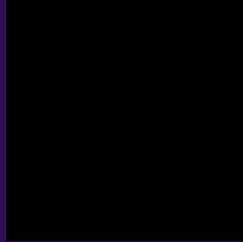
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.3740, 26.4376, 13.7040

Background



This preview shows how black text looks on a background with the YUV color 33.3740, 26.4376, 13.7040.



This preview shows how white text looks on a background with the YUV color 33.3740, 26.4376,

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

33.3740, 26.4376, 13.7040

Protanopia

29.0950, 22.6312, -25.5163

Tritanopia

36.9400, 1.0156, 0.9296

Trichromacy



Original Color

33.3740, 26.4376, 13.7040

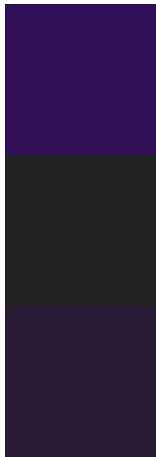
Protanomaly

30.8240, 23.7508, -11.2466

Tritanomaly

35.3780, 10.1666, 5.8075

Monochromacy



Original Color

33.3740, 26.4376, 13.7040

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9650, 9.8773, 5.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.3740, 26.4376, 13.7040 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(49, 15, 87)` looks like.

```
.text, #text, p{  
    color:rgb(49, 15, 87)  
}
```

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(49, 15, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 15, 87) }
```

Border

The CSS property to change the border of an element to YUV 33.3740, 26.4376, 13.7040 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(49, 15, 87) }
```

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

```
.border{ border-color:rgb(49, 15, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 15, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 15, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 15, 87);  
box-shadow:4px 4px 4px 4px rgb(49, 15, 87)  
}
```


Background

The CSS property to change the background color of an element to YUV 33.3740, 26.4376, 13.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 15, 87) }
```

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

```
.background{ background-color: rgb(49, 15,  
87) }
```

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