

Converting Colors

YUV(33.3740, 2.7736, -2.9590)

Have a look what the booklet for
YUV(33.3740, 2.7736, -2.9590)
contains.

YUV(33.3740, 2.7736, -2.9590)	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(33.3740, 2.7736,
-2.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2227
RGB	30, 34, 39
RGB Percent	12%, 13%, 15%
CMY	0.8824, 0.8667, 0.8471
CMYK	0.23, 0.13, 0.00, 0.85
HSL	213°, 13%, 14%
HSV	213°, 23%, 15%
XYZ	1.4737, 1.5666, 2.1442
YIQ	33.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

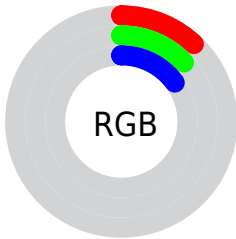
Format	Color
R_{YB}	30, 33, 39
Decimal	1974823
CIE Lab	13.03, -0.43, -3.97
CIE LCh	13, 3.989, 263.807
Yxy	1.5666, 0.2842, 0.3022
Android (android.graphics.Color)	4280164903 (0xFF1E2227)
YUV	33.3740, 2.7736, -2.9590
Hunter-Lab	12.5162, -0.8868, -1.3957

Details

The YUV color **33.3740, 2.7736, -2.9590** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35.6260, -2.7736, 2.9590**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.4880, 3.2104, -3.0590**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.0040, 3.9420, -4.3885**, and if you desaturate by 10%, it is **35.7440, 1.6052, -1.5295**.

Distribution



 Red (12%)

 Green (13%)

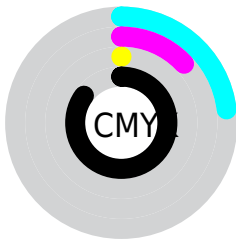
 Blue (15%)



 Red (12%)

 Yellow (13%)

 Blue (15%)

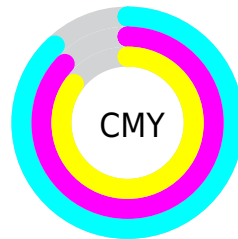


 Cyan (23%)

 Magenta (13%)

 Yellow (0%)

 Black (85%)



 Cyan (88%)

 Magenta (87%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.3740, 2.7736, -2.9590 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, 2.7736, -2.9590 by changing the saturation by 10% instead.

■ 33.3740, 2.7736,
-2.9590

■ 33.3740, 2.7736,
-2.9590

255.0000, 0.0000,
0.0000

■ 10.5910, 3.6526,
-4.9033

■ 77.4880, 3.2104,
-3.0590

■ 0.0000, 0.0000,
0.0000

■ 101.4880, 3.2104,
-3.0590

■ 126.1890, 3.3578,
-3.6738

■ 152.1890, 3.3578,
-3.6738

■ 179.1890, 3.3578,
-3.6738

■ 206.3030, 3.7946,

-3.7737

■ 234.8900, 3.5052,
-4.2885

■ 33.3740, 2.7736,
-2.9590

■ 33.3740, 2.7736,
-2.9590

■ 31.0040, 3.9420,
-4.3885

■ 35.7440, 1.6052,
-1.5295

■ 28.6340, 5.1104,
-5.8180

■ 38.1140, 0.4368,
-0.1000

■ 25.6770, 6.5682,
-6.7327

■ 41.0710, -1.0210,
0.8147

■ 23.3070, 7.7366,
-8.1622

■ 43.4410, -2.1894,
2.2442

■ 20.9370, 8.9051,
-9.5917

■ 45.8110, -3.3578,
3.6738

■ 18.8660, 9.9261,
-10.4065

■ 47.8820, -4.3788,
4.4885

■ 16.4960, 11.0945,
-11.8360

■ 50.2520, -5.5472,
5.9180

■ 14.4250, 12.1155,
-12.6507

■ 52.6220, -6.7156,
7.3475

■ 55.5790, -8.1734,
8.2622

Harmonies

Analogous

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



32.9500, 2.4897, -5.2181



33.3740, 2.7736, -2.9590



33.6840, 2.6208, -0.5999

Triad

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



33.3740, 2.7736, -2.9590



34.2780, -1.6161, 5.0182



32.9350, -1.4470, -2.5740

Complementary

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



33.3740, 2.7736, -2.9590



35.6260, -2.7736, 2.9590

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.



33.1310, -2.0366, -0.1149



33.3740, 2.7736, -2.9590



33.7510, -2.3422, 4.6034

Square

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



33.3740, 2.7736, -2.9590



34.3210, -0.1583, 4.1035



33.3270, -2.6262, 2.3442



32.6790, 0.1583, -4.1035

Rectangle

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



33.3740, 2.7736, -2.9590



33.8800, 2.0312, 1.8592



33.3270, -2.6262, 2.3442



33.2340, -1.5944, -1.9592

Sweetspot

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



33.3740, 2.7736, -2.9590



48.6300, 1.1684, -1.4295



35.8530, -0.4205, -5.1331



23.9290, 1.0210, -0.8147



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



33.3740, 2.7736, -2.9590



42.1180, 4.3788, -4.4885



31.0260, 3.9312, -0.8998



18.8150, 0.5842, -0.7148



31.2950, 25.9836, -27.4457



79.3460, 65.3984, -69.5864

Inverse Universe

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



33.1470, 0.4205, 5.1331



41.8700, 0.5571, 8.0070



37.9740, -3.9312, 0.8998



18.7120, 0.1420, 1.1296



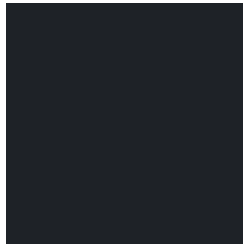
29.3340, 3.7793, 47.9421



74.1040, 9.8087, 120.9348

Previews

White Background



This preview shows how the YUV color 33.3740, 2.7736, -2.9590 looks on a white background.

Color Contrast Check

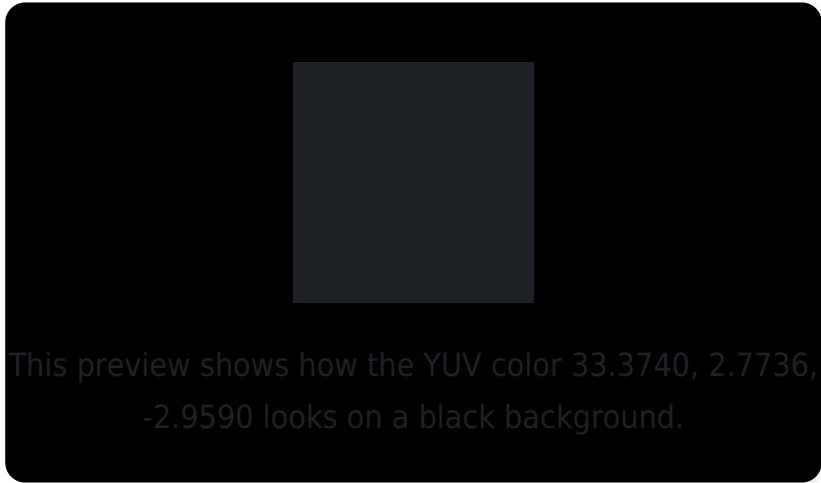
Large Text (above 18pt) WCAG AA ✓ Pass

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

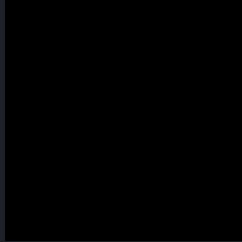
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

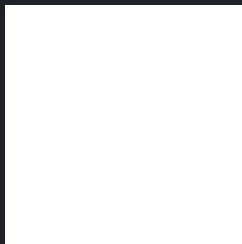
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 33.3740, 2.7736, -2.9590

Background



This preview shows how black text looks on a background with the YUV color 33.3740, 2.7736, -2.9590.



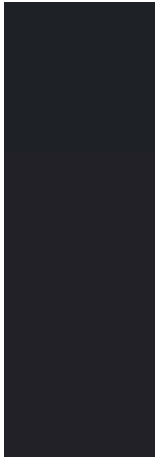
This preview shows how white text looks on a background with the YUV color 33.3740, 2.7736, -2.9590.

-2.9590.

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, 2.7736, -2.9590

Protanopia

33.6840, 2.6208, -0.5999

Deuteranopia

33.9830, 2.4734, 0.0149



Tritanopia

33.1460, 1.9000, -2.7590

Trichromacy



Original Color

33.3740, 2.7736, -2.9590

Protanomaly

33.3850, 2.7682, -1.2146

Deuteranomaly

33.6840, 2.6208, -0.5999

Tritanomaly

33.2600, 2.3368, -2.8590

Monochromacy



Original Color

33.3740, 2.7736, -2.9590

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.3740, 2.7736, -2.9590 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(30, 34, 39)` looks like.

```
.text, #text, p{  
    color:rgb(30, 34, 39)  
}
```

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(30, 34, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 34, 39) }
```

Border

The CSS property to change the border of an element to YUV 33.3740, 2.7736, -2.9590 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(30, 34, 39) }
```


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

```
.border{ border-color:rgb(30, 34, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 34, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 34, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 34, 39);  
box-shadow:4px 4px 4px 4px rgb(30, 34, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.3740, 2.7736, -2.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 34, 39) }
```

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

```
.background{ background-color: rgb(30, 34,  
39) }
```

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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