

Converting Colors

YUV(37.6640, -0.3274, 11.6957)

Have a look what the booklet for
YUV(37.6640, -0.3274, 11.6957)
contains.

YUV(37.6640, -0.3274, 11.6957)	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(37.6640, -0.3274,
11.6957)**

Conversions

Conversions Part 1

Format	Color
Hex	331F25
RGB	51, 31, 37
RGB Percent	20%, 12%, 15%
CMY	0.8000, 0.8784, 0.8549
CMYK	0.00, 0.39, 0.27, 0.80
HSL	342°, 24%, 16%
HSV	342°, 39%, 20%
XYZ	2.1892, 1.8174, 1.9857
YIQ	37.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

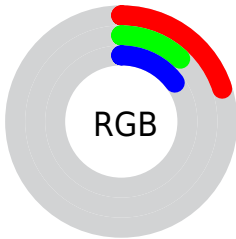
Format	Color
R _Y B	51, 31, 37
Decimal	3350309
CIE Lab	14.50, 10.80, -0.06
CIE LCh	14, 10.803, 359.677
Yxy	1.8174, 0.3653, 0.3033
Android (android.graphics.Color)	4281540389 (0xFF331F25)
YUV	37.6640, -0.3274, 11.6957
Hunter-Lab	13.4809, 5.3949, 0.7035

Details

The YUV color **37.6640, -0.3274, 11.6957** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.3360, 0.3274, -11.6957**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6750, -0.3328, 13.4400**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.2730, -0.6276, 14.6696**, and if you desaturate by 10%, it is **41.0550, -0.0271, 8.7218**.

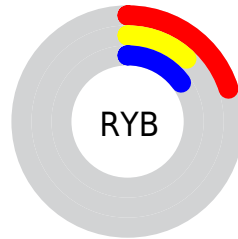
Distribution



Red (20%)

Green (12%)

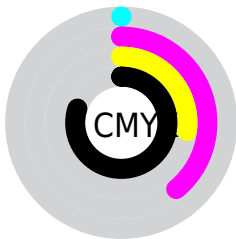
Blue (15%)



Red (20%)

Yellow (12%)

Blue (15%)

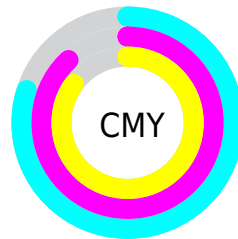


Cyan (0%)

Magenta (39%)

Yellow (27%)

Black (80%)



Cyan (80%)

Magenta (88%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6640, -0.3274, 11.6957 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 37.6640, -0.3274, 11.6957 by changing the saturation by 10% instead.

■ 37.6640, -0.3274,
11.6957

■ 37.6640, -0.3274,
11.6957

255.0000, 0.0000,
0.0000

■ 15.7890, 0.1040,
13.3400

■ 82.6750, -0.3328,
13.4400

■ 0.0000, 0.0000,
0.0000

■ 106.9740, -0.4802,
14.0548

■ 132.2730, -0.6276,
14.6696

■ 158.5720, -0.7750,
15.2844

■ 185.5720, -0.7750,
15.2844

■ 213.1700, -1.0698,

16.5139

■ 239.7890, 0.1040,
13.3400

■ 37.6640, -0.3274,
11.6957

■ 37.6640, -0.3274,
11.6957

■ 34.2730, -0.6276,
14.6696

■ 41.0550, -0.0271,
8.7218

■ 30.9960, -0.4910,
17.5435

■ 44.3320, -0.1637,
5.8478

■ 27.6050, -0.7913,
20.5174

■ 47.7230, 0.1366,
2.8739

■ 24.3280, -0.6547,
23.3913

■ 51.0000, 0.0000,
0.0000

■ 20.3500, -0.6655,
26.8801

■ 54.9780, 0.0108,
-3.4887

■ 17.0730, -0.5290,
29.7540

■ 58.2550, -0.1257,
-6.3626

■ 16.9590, -0.9658,
29.8540

■ 61.6460, 0.1745,
-9.3365

■ 65.0370, 0.4748,
-12.3104

■ 68.3140, 0.3382,
-15.1844

Harmonies

Analogous

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



37.5540, 3.1779, 7.4071



37.6640, -0.3274, 11.6957



37.7520, -3.8217, 12.4955

Triad

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



37.6640, -0.3274, 11.6957



35.0940, -5.9623, -0.9594



33.2630, 7.7583, -15.1397

Complementary

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



37.6640, -0.3274, 11.6957



44.3360, 0.3274, -11.6957

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.



32.6710, 5.5852, -18.1285



37.6640, -0.3274, 11.6957



34.2610, -2.5937, -8.1219

Square

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



37.6640, -0.3274, 11.6957



36.0840, -7.4364, 5.1883



33.2540, 1.3538, -14.2548



35.7200, 8.0260, -7.6474

Rectangle

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



37.6640, -0.3274, 11.6957



37.1710, -6.0003, 11.2510



33.2540, 1.3538, -14.2548



33.1380, 7.3270, -16.7840

Sweetspot

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



37.6640, -0.3274, 11.6957



60.7340, 0.1311, 4.6183



37.4660, 6.6723, 6.6073



30.3100, -0.1528, 2.3591



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



37.6640, -0.3274, 11.6957



45.2950, -0.6384, 18.1583



39.3280, -4.1057, 10.2363



24.0110, -0.0054, 1.7444



29.6890, -1.3257, 52.0157



72.2930, -3.5954, 126.9080

Inverse Universe

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



37.6640, -0.3274, 11.6957



45.2950, -0.6384, 18.1583



42.6720, 4.1057, -10.2363



24.0110, -0.0054, 1.7444



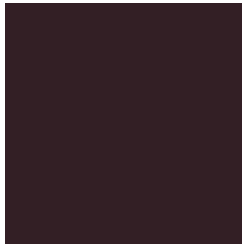
29.6890, -1.3257, 52.0157



72.2930, -3.5954, 126.9080

Previews

White Background



This preview shows how the YUV color 37.6640, -0.3274, 11.6957 looks on a white background.

Color Contrast Check

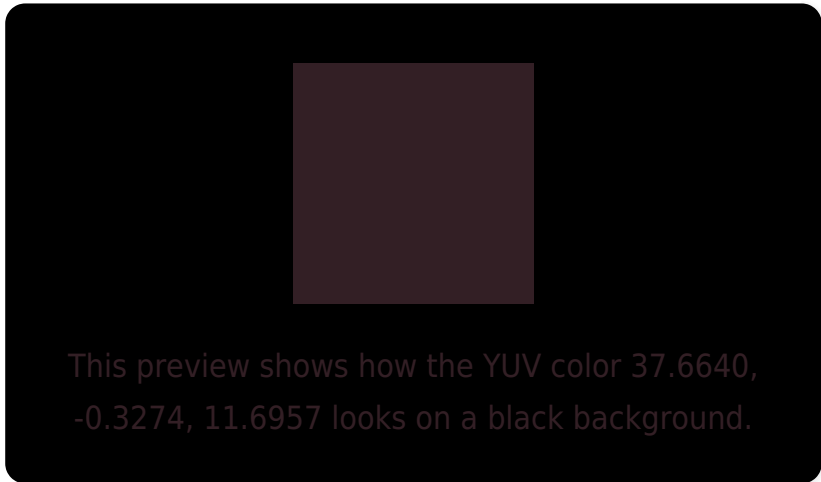
Large Text (above 18pt) WCAG AA ✓ Pass

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

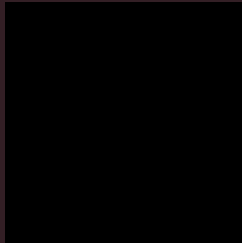
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6640, -0.3274, 11.6957

Background



This preview shows how black text looks on a background with the YUV color 37.6640, -0.3274, 11.6957.

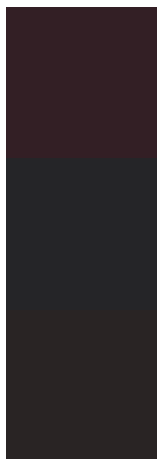


This preview shows how white text looks on a background with the YUV color 37.6640, -0.3274,

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

37.6640, -0.3274, 11.6957

Protanopia

37.3420, 1.3104, -0.2999

Deuteranopia

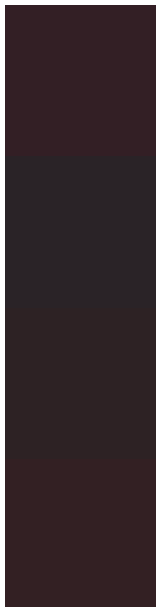
37.4950, -0.7370, 3.0739



Tritanopia

37.9090, -1.9271, 11.4808

Trichromacy



Original Color

37.6640, -0.3274, 11.6957

Protanomaly

37.5490, 0.7153, 3.9035

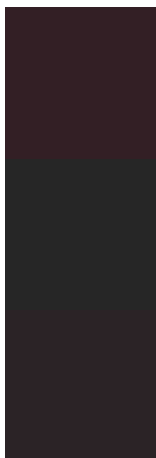
Deuteranomaly

37.5170, -0.7479, 6.5626

Tritanomaly

38.0230, -1.4903, 11.3808

Monochromacy



Original Color

37.6640, -0.3274, 11.6957

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6640, -0.3274, 11.6957 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(51, 31, 37)` looks like.

```
.text, #text, p{  
    color:rgb(51, 31, 37)  
}
```

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(51, 31, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 31, 37) }
```

Border

The CSS property to change the border of an element to YUV 37.6640, -0.3274, 11.6957 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(51, 31, 37) }
```


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

```
.border{ border-color:rgb(51, 31, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 31, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 31, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 31, 37);  
box-shadow:4px 4px 4px 4px rgb(51, 31, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.6640, -0.3274, 11.6957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 31, 37) }
```

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

```
.background{ background-color: rgb(51, 31,  
37) }
```

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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