

Converting Colors

YUV(37.6660, 6.5737, -8.4771)

Have a look what the booklet for
YUV(37.6660, 6.5737, -8.4771)
contains.

YUV(37.6660, 6.5737, -8.4771)	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(37.6660, 6.5737,
-8.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2833
RGB	28, 40, 51
RGB Percent	11%, 16%, 20%
CMY	0.8902, 0.8431, 0.8000
CMYK	0.45, 0.22, 0.00, 0.80
HSL	209°, 29%, 15%
HSV	209°, 45%, 20%
XYZ	1.8352, 2.0035, 3.4220
YIQ	37.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

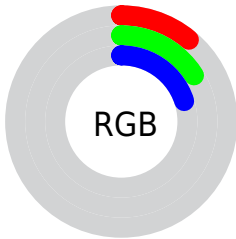
Format	Color
RYB	28, 36, 51
Decimal	1845299
CIELab	15.51, -1.66, -8.80
CIElCh	16, 8.951, 259.306
Yxy	2.0035, 0.2528, 0.2759
Android (android.graphics.Color)	4280035379 (0xFF1C2833)
YUV	37.6660, 6.5737, -8.4771
Hunter-Lab	14.1544, -1.6264, -4.4258

Details

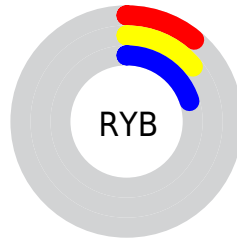
The YUV color **37.6660, 6.5737, -8.4771** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.3340, -6.5737, 8.4771**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7800, 7.0105, -8.5771**, and **0.3420, 1.3104, -0.2999** is the 20% darker color. If you saturate the color by 10%, you get **34.9970, 7.8895, -10.5214**, and if you desaturate by 10%, it is **40.3350, 5.2578, -6.4328**.

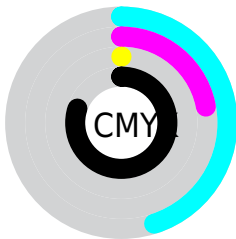
Distribution



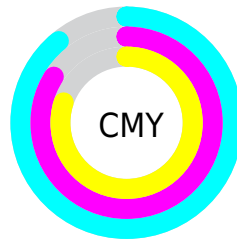
- Red (11%)
- Green (16%)
- Blue (20%)



- Red (11%)
- Yellow (14%)
- Blue (20%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6660, 6.5737, -8.4771 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 37.6660, 6.5737, -8.4771 by changing the saturation by 10% instead.

■ 37.6660, 6.5737,
-8.4771

■ 37.6660, 6.5737,
-8.4771

■ 255.0000, 0.0000,
0.0000

■ 16.6550, 6.5791,
-10.2214

■ 82.7800, 7.0105,
-8.5771

■ 0.3420, 1.3104,
-0.2999

■ 106.8940, 7.4473,
-8.6770

■ 0.0000, 0.0000,
0.0000

■ 132.0080, 7.8841,
-8.7770

■ 158.7090, 8.0315,
-9.3918

■ 185.4100, 8.1789,
-10.0066

■ 212.8230, 8.4683,

-9.4918

241.0680, 6.8685,
-9.7066

37.6660, 6.5737,
-8.4771

37.6660, 6.5737,
-8.4771

34.9970, 7.8895,
-10.5214

40.3350, 5.2578,
-6.4328

31.7410, 9.4947,
-12.0509

43.5910, 3.6526,
-4.9033

29.0720, 10.8105,
-14.0951

46.2600, 2.3368,
-2.8590

25.8160, 12.4157,
-15.6246

49.5160, 0.7316,
-1.3295

23.1470, 13.7315,
-17.6689

52.4840, -0.7316,
1.3295

■ 21.6630, 14.4631,
-18.9985

■ 55.7400, -2.3368,
2.8590

■ 58.4090, -3.6526,
4.9033

■ 61.6650, -5.2578,
6.4328

■ 64.3340, -6.5737,
8.4771

Harmonies

Analogous

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



36.7040, 5.5689, -12.8954



37.6660, 6.5737, -8.4771



39.1830, 5.8258, -1.9145

Triad

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



37.6660, 6.5737, -8.4771



39.4960, -2.2165, 10.9660



37.0550, -3.4781, -4.4332

Complementary

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



37.6660, 6.5737, -8.4771



41.3340, -6.5737, 8.4771

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.



38.2190, -5.5310, 0.6849



37.6660, 6.5737, -8.4771



39.3880, -5.1213, 9.3067

Square

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



37.6660, 6.5737, -8.4771



39.5820, 0.6991, 9.1366



39.0240, -6.4208, 6.1180



36.2330, -0.1149, -9.8513

Rectangle

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



37.6660, 6.5737, -8.4771



39.2760, 4.7939, 2.3889



39.0240, -6.4208, 6.1180



37.5390, -4.2097, -3.1037

Sweetspot

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



37.6660, 6.5737, -8.4771



60.9610, 2.4842, -3.4738



42.7550, -1.8512, -12.9401



29.7440, 1.6052, -1.5295



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.



37.6660, 6.5737, -8.4771



45.2570, 10.2263, -13.3804



31.2090, 9.7570, -2.8143



23.9290, 1.0210, -0.8147



37.7350, 25.2736, -33.0936



91.0690, 62.0840, -79.8675

Inverse Universe

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



36.2450, 1.8512, 12.9401



42.9300, 2.9925, 20.2324



47.7910, -9.7570, 2.8143



24.0110, -0.0054, 1.7444



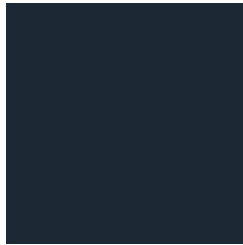
31.9690, 7.4103, 50.0162



77.7650, 17.3709, 122.1091

Previews

White Background



This preview shows how the YUV color 37.6660, 6.5737, -8.4771 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

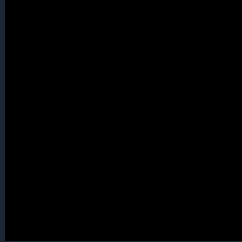
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6660, 6.5737, -8.4771

Background



This preview shows how black text looks on a background with the YUV color 37.6660, 6.5737, -8.4771.



This preview shows how white text looks on a background with the YUV color 37.6660, 6.5737, -8.4771.

-8.4771.

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

37.6660, 6.5737, -8.4771

Protanopia

38.7700, 5.5364, -2.4293

Deuteranopia

38.5850, 6.1206, -3.1440



Tritanopia

36.8570, 3.5215, -9.5216

Trichromacy



Original Color

37.6660, 6.5737, -8.4771

Protanomaly

38.4600, 5.6892, -4.7884

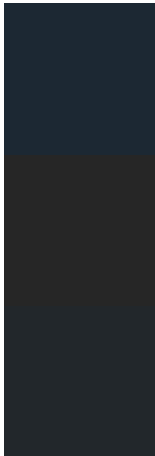
Deuteranomaly

38.2750, 6.2734, -5.5032

Tritanomaly

37.4980, 4.6845, -9.2067

Monochromacy



Original Color

37.6660, 6.5737, -8.4771

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6660, 6.5737, -8.4771 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(28, 40, 51)` looks like.

```
.text, #text, p{  
    color:rgb(28, 40, 51)  
}
```

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(28, 40, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 40, 51) }
```

Border

The CSS property to change the border of an element to YUV 37.6660, 6.5737, -8.4771 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(28, 40, 51) }
```


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

```
.border{ border-color:rgb(28, 40, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 40, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 40, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 40, 51);  
box-shadow:4px 4px 4px 4px rgb(28, 40, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.6660, 6.5737, -8.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 40, 51) }
```

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

```
.background{ background-color: rgb(28, 40,  
51) }
```

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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