

Converting Colors

YUV(77.1160, 3.8868, -33.4277)

Have a look what the booklet for
YUV(77.1160, 3.8868, -33.4277)
contains.

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Color

**YUV(77.1160, 3.8868,
-33.4277)**

Conversions

Conversions Part 1

Format	Color
Hex	275F55
RGB	39, 95, 85
RGB Percent	15%, 37%, 33%
CMY	0.8471, 0.6275, 0.6667
CMYK	0.59, 0.00, 0.11, 0.63
HSL	169°, 42%, 26%
HSV	169°, 59%, 37%
XYZ	6.5686, 9.2716, 10.0377
YIQ	77.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

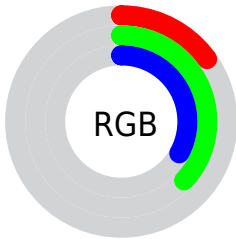
Format	Color
R_{YB}	39, 70, 95
Decimal	2580309
CIE _{Lab}	36.50, -21.12, 0.17
CIE _{LCh}	37, 21.117, 179.533
Yxy	9.2716, 0.2538, 0.3583
Android (android.graphics.Color)	4280770389 (0xFF275F55)
YUV	77.1160, 3.8868, -33.4277
Hunter-Lab	30.4494, -14.7799, 1.7694




Details

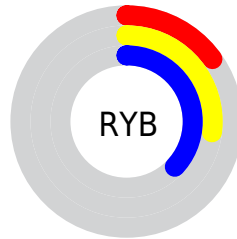
The YUV color **77.1160, 3.8868, -33.4277** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.8840, -3.8868, 33.4277**, and the grayscale version is **77.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **128.0020, 3.4500, -33.3278**, and **32.7360, 3.5812, -28.7095** is the 20% darker color. If you saturate the color by 10%, you get **73.8980, 4.4873, -39.3755**, and if you desaturate by 10%, it is **80.3340, 3.2863, -27.4799**.

Distribution







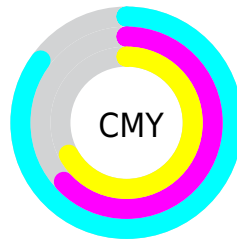
-  Red (15%)
-  Green (37%)
-  Blue (33%)






-  Red (15%)
-  Yellow (27%)
-  Blue (37%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (63%)



-  Cyan (85%)
-  Magenta (63%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1160, 3.8868, -33.4277 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 77.1160, 3.8868, -33.4277 by changing the saturation by 10% instead.

■ 77.1160, 3.8868,
-33.4277

■ 77.1160, 3.8868,
-33.4277

255.0000, 0.0000,
0.0000

■ 51.4360, 5.2081,
-37.2164

■ 128.0020, 3.4500,
-33.3278

■ 32.7360, 3.5812,
-28.7095

■ 154.5890, 3.1606,
-33.8426

■ 19.3030, 0.3436,
-16.9287

■ 181.5890, 3.1606,
-33.8426

■ 0.0000, 0.0000,
0.0000

■ 209.1760, 2.8712,
-34.3574

■ 236.7030, 3.5974,
-33.9425

■ 246.3290, 4.2748,

-17.8285

■ 77.1160, 3.8868,
-33.4277

■ 77.1160, 3.8868,
-33.4277

■ 73.8980, 4.4873,
-39.3755

■ 80.3340, 3.2863,
-27.4799

■ 71.0930, 5.3772,
-44.8086

■ 83.1390, 2.3965,
-22.0469

■ 68.1740, 5.8302,
-50.1416

■ 86.3570, 1.7960,
-16.0991

■ 64.9560, 6.4307,
-56.0894

■ 89.2760, 1.3429,
-10.7661

■ 64.6570, 6.5781,
-56.7042

■ 92.3800, 0.3057,
-4.7183

■ 95.2990, -0.1474,
0.6148

■ 98.5170, -0.7479,
6.5626

■ 101.4360, -1.2009,
11.8956

■ 104.5400, -2.2382,
17.9434

Harmonies

Analogous

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



80.2830, -6.0555, -17.7882



77.1160, 3.8868, -33.4277



74.5690, 13.5235, -44.3490

Triad

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



77.1160, 3.8868, -33.4277



87.5560, 13.5299, 0.3894



86.0600, -14.3266, 21.8724

Complementary

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



77.1160, 3.8868, -33.4277



56.8840, -3.8868, 33.4277

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.



86.9990, -8.3805, 28.0649



77.1160, 3.8868, -33.4277



88.3470, 7.2239, 16.3587

Square

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



77.1160, 3.8868, -33.4277



83.7600, 17.3733, -19.0835



88.0510, -0.5181, 26.2653



85.1250, -16.3306, 11.2914

Rectangle

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



77.1160, 3.8868, -33.4277



75.9160, 17.2964, -41.1453



88.0510, -0.5181, 26.2653



86.5380, -12.5902, 24.9612

Sweetspot

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



77.1160, 3.8868, -33.4277



114.9660, 1.4958, -13.1252



74.8620, -17.6800, -22.6810



56.8850, 1.0427, -7.7921



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.1160, 3.8868, -33.4277



94.2770, 6.2724, -51.9859



67.6900, 13.4638, -25.1611



46.8040, 0.5896, -2.4591



76.2320, 7.7736, -66.8555



163.3380, 16.5954, -143.2474

Inverse Universe

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



56.8840, -3.8868, 33.4277



62.8370, -5.8356, 51.8860



66.3100, -13.4638, 25.1611



45.1960, -0.5896, 2.4591



35.7680, -7.7736, 66.8555



76.6620, -16.5954, 143.2474

Previews

White Background



This preview shows how the YUV color 77.1160, 3.8868, -33.4277 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



This preview shows how the YUV color 77.1160, 3.8868, -33.4277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

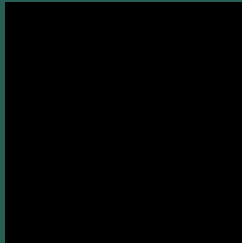
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1160, 3.8868, -33.4277

Background



This preview shows how black text looks on a background with the YUV color 77.1160, 3.8868, -33.4277.



This preview shows how white text looks on a background with the YUV color 77.1160, 3.8868, -33.4277.

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

77.1160, 3.8868, -33.4277

Protanopia

85.3270, -2.6262, 2.3442

Deuteranopia

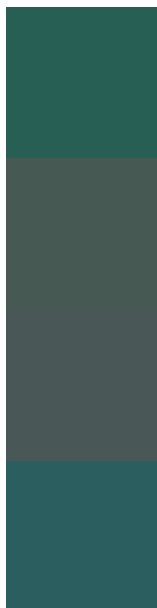
86.5600, 0.7099, 5.6479



Tritanopia

79.4460, 10.1331, -30.2091

Trichromacy



Original Color

77.1160, 3.8868, -33.4277

Protanomaly

82.5210, -0.2569, -10.9809

Deuteranomaly

82.8140, 2.0637, -8.6069

Tritanomaly

78.8650, 7.9546, -31.4536

Monochromacy



Original Color

77.1160, 3.8868, -33.4277

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2650, 1.3484, -12.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1160, 3.8868, -33.4277 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(39, 95, 85)` looks like.

```
.text, #text, p{  
    color:rgb(39, 95, 85)  
}
```

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(39, 95, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 95, 85) }
```

Border

The CSS property to change the border of an element to YUV 77.1160, 3.8868, -33.4277 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(39, 95, 85) }
```


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

```
.border{ border-color:rgb(39, 95, 85) }
```

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

Here you see how a box with a 4 pixel rgb(39, 95, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 95, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 95, 85);  
box-shadow:4px 4px 4px 4px rgb(39, 95, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1160, 3.8868, -33.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 95, 85) }
```

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

```
.background{ background-color: rgb(39, 95,  
85) }
```

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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