

Converting Colors

YUV(75.6740, -9.2063, -33.9171)

Have a look what the booklet for
YUV(75.6740, -9.2063, -33.9171)
contains.

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Color

**YUV(75.6740, -9.2063,
-33.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	256339
RGB	37, 99, 57
RGB Percent	15%, 39%, 22%
CMY	0.8549, 0.6118, 0.7765
CMYK	0.63, 0.00, 0.42, 0.61
HSL	139°, 46%, 27%
HSV	139°, 63%, 39%
XYZ	5.9633, 9.6124, 5.4120
YIQ	75.6740, -23.4700, -26.2060

Conversions

Conversions Part 2

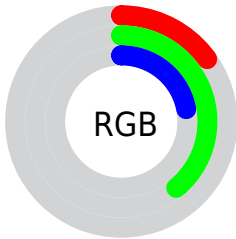
Format	Color
R_{YB}	37, 84, 99
Decimal	2450233
CIE Lab	37.14, -30.36, 18.08
CIE LCh	37, 35.338, 149.225
Yxy	9.6124, 0.2841, 0.4580
Android (android.graphics.Color)	4280640313 (0xFF256339)
YUV	75.6740, -9.2063, -33.9171
Hunter-Lab	31.0039, -19.9240, 11.3532

Details

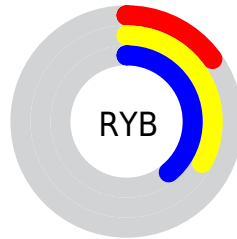
The YUV color **75.6740, -9.2063, -33.9171** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60.3260, 9.2063, 33.9171**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6310, -10.6641, -33.0024**, and **31.5330, -8.6438, -27.6544** is the 20% darker color. If you saturate the color by 10%, you get **71.8860, -10.7898, -39.3650**, and if you desaturate by 10%, it is **79.4620, -7.6228, -28.4692**.

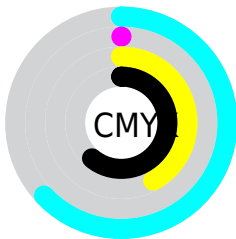
Distribution



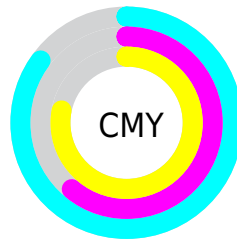
- Red (15%)
- Green (39%)
- Blue (22%)



- Red (15%)
- Yellow (33%)
- Blue (39%)



- Cyan (63%)
- Magenta (0%)
- Yellow (42%)
- Black (61%)



- Cyan (85%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6740, -9.2063, -33.9171 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 75.6740, -9.2063, -33.9171 by changing the saturation by 10% instead.

■ 75.6740, -9.2063,
-33.9171

■ 75.6740, -9.2063,
-33.9171

255.0000, 0.0000,
0.0000

■ 49.5100, -7.1534,
-39.0353

■ 126.6310,
-10.6641, -33.0024

■ 31.5330, -8.6438,
-27.6544

■ 153.1040,
-11.3903, -33.4172

■ 18.7840, -9.2605,
-16.4736

■ 180.2780,
-11.9691, -34.4468

■ 0.0000, 0.0000,
0.0000

■ 207.8650,
-12.2584, -34.9616

■ 232.3430,
-10.5221, -31.8728

■ 244.2060, -2.5666,

-16.8437

254.7010, 0.1474,
-0.6148

■ 75.6740, -9.2063,
-33.9171

■ 75.6740, -9.2063,
-33.9171

■ 71.8860, -10.7898,
-39.3650

■ 79.4620, -7.6228,
-28.4692

■ 68.2120, -11.9365,
-44.9129

■ 83.1360, -6.4760,
-22.9213

■ 64.4240, -13.5200,
-50.3608

■ 86.9240, -4.8925,
-17.4733

■ 61.7610, -14.6722,
-54.1644

■ 90.7120, -3.3090,
-12.0254

■ 94.5000, -1.7255,
-6.5775

■ 97.8750, -0.4314,
-1.6444

■ 101.6630, 1.1521,
3.8035

■ 105.4510, 2.7357,
9.2515

■ 109.1250, 3.8824,
14.7994

Harmonies

Analogous

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



81.5930, -22.9703, -5.7821



75.6740, -9.2063, -33.9171



69.0910, 8.3361, -60.5928

Triad

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



75.6740, -9.2063, -33.9171



76.1120, 33.4688, -48.3332



86.6700, -12.6553, 45.8934

Complementary

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



75.6740, -9.2063, -33.9171



60.3260, 9.2063, 33.9171

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.



87.8020, 0.5906, 44.0236



75.6740, -9.2063, -33.9171



88.5910, 23.8656, -1.3953

Square

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



75.6740, -9.2063, -33.9171



73.0300, 31.0442, -64.0473



90.0200, 13.3011, 27.1695



86.1450, -23.2425, 34.9528

Rectangle

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



75.6740, -9.2063, -33.9171



71.2570, 16.6353, -62.4924



90.0200, 13.3011, 27.1695



86.8210, -8.2928, 46.6380

Sweetspot

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



75.6740, -9.2063, -33.9171



118.5870, -3.7404, -13.6698



85.9520, -24.1333, -6.0969



58.3750, -2.1569, -8.2219



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.6740, -9.2063, -33.9171



91.8860, -14.2408, -52.5200



79.2080, 4.3345, -37.0164



46.4620, -0.7208, -2.1592



69.8480, -16.6871, -61.2567



149.6580, -35.8204, -131.2501

Inverse Universe

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



60.3260, 9.2063, 33.9171



68.1140, 14.2408, 52.5200



56.7920, -4.3345, 37.0164



45.5380, 0.7208, 2.1592



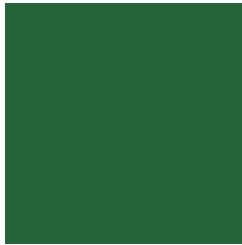
42.1520, 16.6871, 61.2567



90.2280, 35.3836, 131.3500

Previews

White Background



This preview shows how the YUV color 75.6740, -9.2063, -33.9171 looks on a white background.

Color Contrast Check

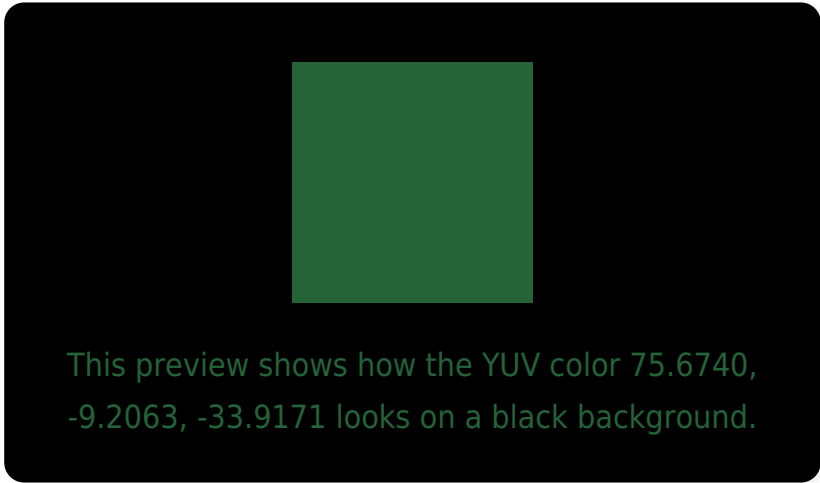
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.6740, -9.2063, -33.9171

Background



This preview shows how black text looks on a background with the YUV color 75.6740, -9.2063, -33.9171.



This preview shows how white text looks on a background with the YUV color 75.6740, -9.2063,

-33.9171.

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

75.6740, -9.2063, -33.9171

Protanopia

85.4020, -16.4672, 8.4174

Deuteranopia

86.7710, -12.7051, 15.1098



Tritanopia

81.6420, 9.5435, -27.7500

Trichromacy



Original Color

75.6740, -9.2063, -33.9171

Protanomaly

81.6990, -13.6556, -6.7520

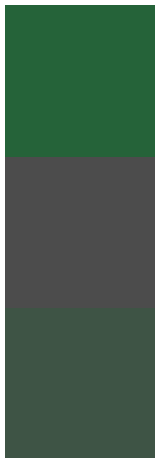
Deuteranomaly

83.0030, -11.3405, -2.6336

Tritanomaly

79.4970, 2.7130, -30.2539

Monochromacy



Original Color

75.6740, -9.2063, -33.9171

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7120, -3.3090, -12.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6740, -9.2063, -33.9171 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(37, 99, 57)` looks like.

```
.text, #text, p{  
    color:rgb(37, 99, 57)  
}
```

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(37, 99, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 99, 57) }
```

Border

The CSS property to change the border of an element to YUV 75.6740, -9.2063, -33.9171 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(37, 99, 57) }
```


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

```
.border{ border-color:rgb(37, 99, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 99, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 99, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 99, 57);  
box-shadow:4px 4px 4px 4px rgb(37, 99, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.6740, -9.2063, -33.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 99, 57) }
```

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

```
.background{ background-color: rgb(37, 99,  
57) }
```

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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