

Converting Colors

YUV(75.7840, -9.2605, -16.4736)

Have a look what the booklet for
YUV(75.7840, -9.2605, -16.4736)
contains.

YUV(75.7840, -9.2605, -16.4736)	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(75.7840, -9.2605,
-16.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	395939
RGB	57, 89, 57
RGB Percent	22%, 35%, 22%
CMY	0.7765, 0.6510, 0.7765
CMYK	0.36, 0.00, 0.36, 0.65
HSL	120°, 22%, 29%
HSV	120°, 36%, 35%
XYZ	5.9982, 8.3100, 5.1587
YIQ	75.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

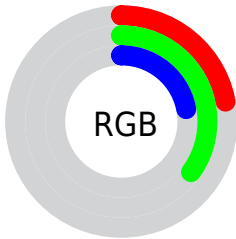
Format	Color
R_{YB}	57, 89, 89
Decimal	3758393
CIE _{Lab}	34.62, -19.12, 14.91
CIE _{LCh}	35, 24.248, 142.066
Yxy	8.3100, 0.3081, 0.4269
Android (android.graphics.Color)	4281948473 (0xFF395939)
YUV	75.7840, -9.2605, -16.4736
Hunter-Lab	28.8271, -13.3058, 9.5687

Details

The YUV color **75.7840, -9.2605, -16.4736** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **70.2160, 9.2605, 16.4736**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8440, -10.2761, -17.4032**, and **30.4250, -8.0975, -16.1587** is the 20% darker color. If you saturate the color by 10%, you get **72.0670, -11.8650, -21.1068**, and if you desaturate by 10%, it is **79.5010, -6.6560, -11.8404**.

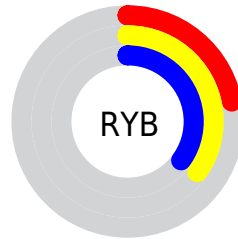
Distribution



Red (22%)

Green (35%)

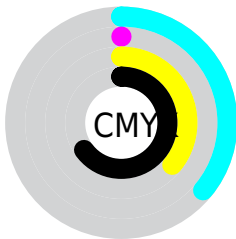
Blue (22%)



Red (22%)

Yellow (35%)

Blue (35%)

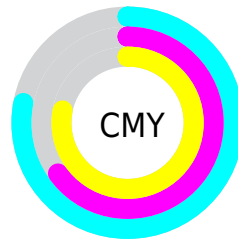


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (65%)



Cyan (78%)

Magenta (65%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7840, -9.2605, -16.4736 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 75.7840, -9.2605, -16.4736 by changing the saturation by 10% instead.

■ 75.7840, -9.2605,
-16.4736

■ 75.7840, -9.2605,
-16.4736

255.0000, 0.0000,
0.0000

■ 52.3110, -8.5343,
-16.0587

■ 124.8440,
-10.2761, -17.4032

■ 30.4250, -8.0975,
-16.1587

■ 151.4310,
-10.5655, -17.9180

■ 14.0880, -6.9454,
-12.3552

■ 178.0180,
-10.8549, -18.4328

■ 0.0000, 0.0000,
0.0000

■ 205.6050,
-11.1443, -18.9476

■ 233.4910,
-11.5811, -18.8476

■ 248.8760, -5.3619,

-6.9073

■ 75.7840, -9.2605,
-16.4736

■ 75.7840, -9.2605,
-16.4736

■ 72.0670, -11.8650,
-21.1068

■ 79.5010, -6.6560,
-11.8404

■ 68.3500, -14.4695,
-25.7399

■ 83.2180, -4.0515,
-7.2072

■ 64.6330, -17.0741,
-30.3731

■ 86.9350, -1.4470,
-2.5740

■ 60.9160, -19.6786,
-35.0063

■ 90.6520, 1.1576,
2.0592

■ 57.6120, -21.9937,
-39.1247

■ 94.3690, 3.7621,
6.6924

■ 53.8950, -24.5982,
-43.7579

■ 97.6730, 6.0772,
10.8108

■ 52.2430, -25.7558,
-45.8171

■ 101.3900, 8.6817,
15.4440

■ 105.1070, 11.2862,
20.0772

■ 108.8240, 13.8908,
24.7104

Harmonies

Analogous

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



78.6460, -16.5875, 0.3105



75.7840, -9.2605, -16.4736



70.6380, 2.1505, -36.5165

Triad

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



75.7840, -9.2605, -16.4736



76.0190, 21.1896, -29.8347



82.6620, -7.2284, 31.8684

Complementary

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



75.7840, -9.2605, -16.4736



70.2160, 9.2605, 16.4736

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.



83.6320, 1.6604, 27.5097



75.7840, -9.2605, -16.4736



81.8480, 17.3299, -5.1287

Square

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



75.7840, -9.2605, -16.4736



64.8970, 22.7288, -56.9147



83.8460, 10.4289, 15.0441



81.6800, -14.6322, 26.5906

Rectangle

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



75.7840, -9.2605, -16.4736



64.1500, 12.2510, -56.2596



83.8460, 10.4289, 15.0441



82.7590, -4.3182, 31.7834

Sweetspot

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



75.7840, -9.2605, -16.4736



109.6310, -3.7621, -6.6924



85.3520, -13.9775, 3.1993



55.6960, -2.3151, -4.1184



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.7840, -9.2605, -16.4736



94.3500, -14.4695, -25.7399



77.6080, -2.2717, -18.0732



41.3480, -1.1576, -2.0592



62.8090, -30.9648, -55.0835



137.9450, -68.0069, -120.9778

Inverse Universe

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



70.2160, 9.2605, 16.4736



85.6500, 14.4696, 25.7400



68.3920, 2.2717, 18.0732



40.6520, 1.1576, 2.0592



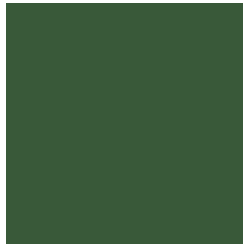
44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Previews

White Background



This preview shows how the YUV color 75.7840, -9.2605, -16.4736 looks on a white background.

Color Contrast Check

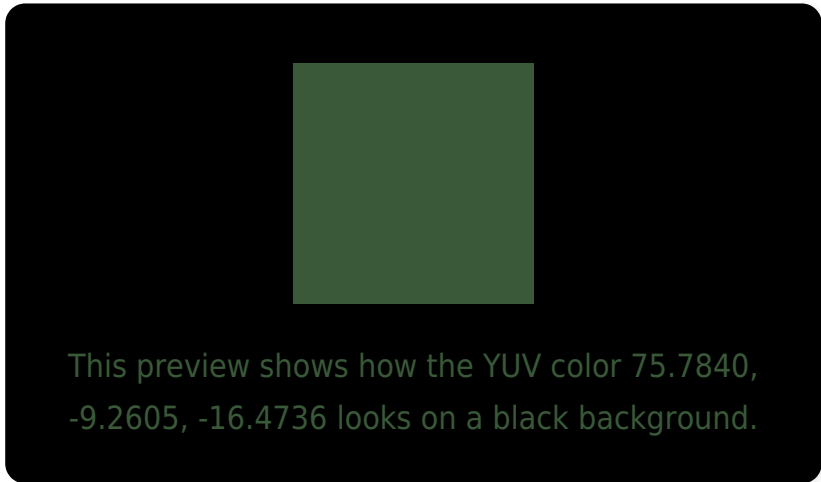
Large Text (above 18pt) WCAG AA ✓ Pass

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

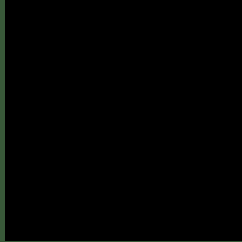
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7840, -9.2605, -16.4736

Background



This preview shows how black text looks on a background with the YUV color 75.7840, -9.2605, -16.4736.

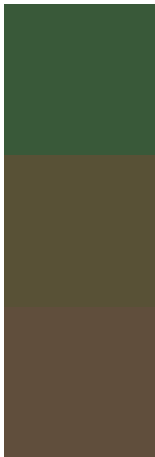


This preview shows how white text looks on a background with the YUV color 75.7840, -9.2605, -16.4736.

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

75.7840, -9.2605, -16.4736

Protanopia

80.0150, -12.8254, 7.0028

Deuteranopia

81.3300, -10.5157, 12.8656



Tritanopia

79.5190, 6.1531, -13.6102

Trichromacy



Original Color

75.7840, -9.2605, -16.4736

Protanomaly

78.6010, -11.6353, -1.4041

Deuteranomaly

79.3780, -10.0464, 2.2995

Tritanomaly

77.7270, 0.6276, -14.6696

Monochromacy



Original Color

75.7840, -9.2605, -16.4736

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7840, -9.2605, -16.4736 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(57, 89, 57)` looks like.

```
.text, #text, p{  
    color:rgb(57, 89, 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(57, 89, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 89, 57) }
```

Border

The CSS property to change the border of an element to YUV 75.7840, -9.2605, -16.4736 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(57, 89, 57) }
```


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

```
.border{ border-color:rgb(57, 89, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 89, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 89, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 89, 57);  
box-shadow:4px 4px 4px 4px rgb(57, 89, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.7840, -9.2605, -16.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 89, 57) }
```

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

```
.background{ background-color: rgb(57, 89,  
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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