

Converting Colors

YUV(77.6370, -9.6810, -21.6066)

Have a look what the booklet for
YUV(77.6370, -9.6810, -21.6066)
contains.

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Color

**YUV(77.6370, -9.6810,
-21.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	355E3A
RGB	53, 94, 58
RGB Percent	21%, 37%, 23%
CMY	0.7922, 0.6314, 0.7725
CMYK	0.44, 0.00, 0.38, 0.63
HSL	127°, 28%, 29%
HSV	127°, 44%, 37%
XYZ	6.2346, 9.0678, 5.4246
YIQ	77.6370, -12.8800, -19.8880

Conversions

Conversions Part 2

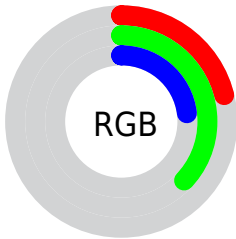
Format	Color
RYB	53, 90, 94
Decimal	3497530
CIELab	36.11, -22.98, 16.26
CIElCh	36, 28.154, 144.722
Yxy	9.0678, 0.3008, 0.4375
Android (android.graphics.Color)	4281687610 (0xFF355E3A)
YUV	77.6370, -9.6810, -21.6066
Hunter-Lab	30.1128, -15.7402, 10.3982

Details

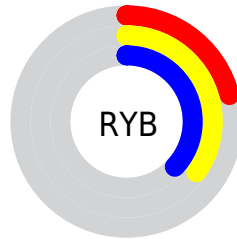
The YUV color **77.6370, -9.6810, -21.6066** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.3630, 9.6810, 21.6066**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5830, -11.1334, -22.4363**, and **30.4950, -7.6390, -23.2361** is the 20% darker color. If you saturate the color by 10%, you get **74.0340, -11.8488, -26.3398**, and if you desaturate by 10%, it is **81.2400, -7.5133, -16.8735**.

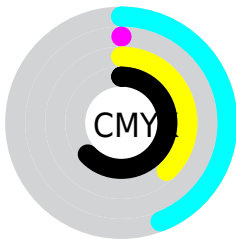
Distribution



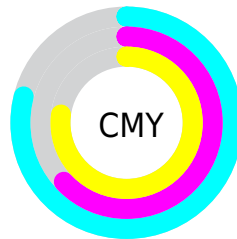
- Red (21%)
- Green (37%)
- Blue (23%)



- Red (21%)
- Yellow (35%)
- Blue (37%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (63%)



- Cyan (79%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.6370, -9.6810, -21.6066 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 77.6370, -9.6810, -21.6066 by changing the saturation by 10% instead.

■ 77.6370, -9.6810,
-21.6066

■ 77.6370, -9.6810,
-21.6066

255.0000, 0.0000,
0.0000

■ 53.8650, -8.8074,
-21.8066

■ 127.5830,
-11.1334, -22.4363

■ 30.4950, -7.6390,
-23.2361

■ 153.5830,
-11.1334, -22.4363

■ 16.4360, -8.1029,
-14.4144

■ 180.7570,
-11.7122, -23.4659

■ 0.0000, 0.0000,
0.0000

■ 208.3440,
-12.0016, -23.9807

■ 236.3440,
-12.0016, -23.9807

■ 248.2070, -4.0461,

-8.9515

■ 77.6370, -9.6810,
-21.6066

■ 77.6370, -9.6810,
-21.6066

■ 74.0340, -11.8488,
-26.3398

■ 81.2400, -7.5133,
-16.8735

■ 70.0180, -14.3059,
-31.5878

■ 85.2560, -5.0562,
-11.6255

■ 66.4150, -16.4736,
-36.3210

■ 88.8590, -2.8885,
-6.8923

■ 62.5130, -18.4939,
-41.6689

■ 92.7610, -0.8682,
-1.5444

■ 58.9100, -20.6616,
-46.4021

■ 96.3640, 1.2995,
3.1888

■ 56.4320, -22.3980,
-49.4909

■ 100.0810, 3.9041,
7.8220

■ 103.9830, 5.9244,
13.1699

■ 107.5860, 8.0921,
17.9031

■ 111.4880, 10.1124,
23.2510

Harmonies

Analogous

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



81.0650, -18.7660, -0.9340



77.6370, -9.6810, -21.6066



68.1630, 5.8356, -51.8860

Triad

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



77.6370, -9.6810, -21.6066



77.8380, 25.7159, -34.9379



85.8260, -9.2812, 36.9866

Complementary

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



77.6370, -9.6810, -21.6066



69.3630, 9.6810, 21.6066

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.



86.9640, 1.4967, 33.3576



77.6370, -9.6810, -21.6066



86.1300, 19.6559, -4.4990

Square

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



77.6370, -9.6810, -21.6066



68.9720, 25.6498, -60.4884



87.5090, 11.5811, 18.8476



84.6050, -17.5533, 30.1644

Rectangle

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



77.6370, -9.6810, -21.6066



67.8830, 13.8617, -59.5334



87.5090, 11.5811, 18.8476



86.1510, -5.4974, 36.7016

Sweetspot

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



77.6370, -9.6810, -21.6066



115.6200, -3.7567, -8.4367



87.8310, -17.1717, 1.0252



57.0980, -2.0203, -5.3479



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.



77.6370, -9.6810, -21.6066



96.8930, -14.7372, -33.2322



79.9170, -0.9451, -23.6062



44.0490, -1.0102, -2.6740



66.0520, -26.1546, -57.9276



142.4250, -55.9185, -124.9067

Inverse Universe

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



69.3630, 9.6810, 21.6066



84.2210, 15.1740, 33.1322



67.0830, 0.9451, 23.6062



42.9510, 1.0102, 2.6740



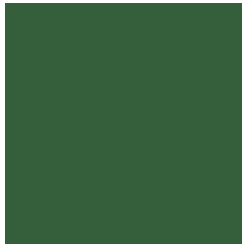
43.8340, 25.7178, 58.0276



94.5750, 55.9185, 124.9067

Previews

White Background



This preview shows how the YUV color 77.6370, -9.6810, -21.6066 looks on a white background.

Color Contrast Check

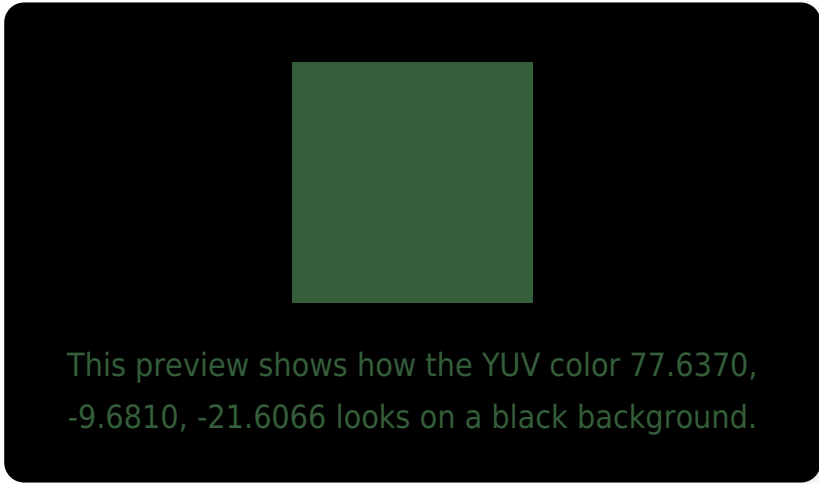
Large Text (above 18pt) WCAG AA ✓ Pass

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

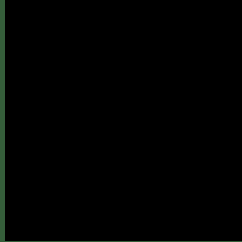
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.6370, -9.6810, -21.6066

Background



This preview shows how black text looks on a background with the YUV color 77.6370, -9.6810, -21.6066.



This preview shows how white text looks on a background with the YUV color 77.6370, -9.6810, -21.6066.

-21.6066.

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

77.6370, -9.6810, -21.6066

Protanopia

83.5590, -14.5726, 7.4028

Deuteranopia

84.4010, -11.5367, 13.6803



Tritanopia

81.5400, 7.6218, -18.0136

Trichromacy



Original Color

77.6370, -9.6810, -21.6066

Protanomaly

81.2480, -12.9403, -2.8485

Deuteranomaly

82.1390, -10.9145, 0.7551

Tritanomaly

80.2210, 1.3700, -19.4878

Monochromacy



Original Color

77.6370, -9.6810, -21.6066

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0330, -3.4673, -7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.6370, -9.6810, -21.6066 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(53, 94, 58)` looks like.

```
.text, #text, p{  
    color:rgb(53, 94, 58)  
}
```

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(53, 94, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 94, 58) }
```

Border

The CSS property to change the border of an element to YUV 77.6370, -9.6810, -21.6066 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(53, 94, 58) }
```


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

```
.border{ border-color:rgb(53, 94, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 94, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 94, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 94, 58);  
box-shadow:4px 4px 4px 4px rgb(53, 94, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.6370, -9.6810, -21.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 94, 58) }
```

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

```
.background{ background-color: rgb(53, 94,  
58) }
```

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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