

Converting Colors

YUV(76.7240, -8.2449, -15.5439)

Have a look what the booklet for
YUV(76.7240, -8.2449, -15.5439)
contains.

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Color

**YUV(76.7240, -8.2449,
-15.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	3B593C
RGB	59, 89, 60
RGB Percent	23%, 35%, 24%
CMY	0.7686, 0.6510, 0.7647
CMYK	0.34, 0.00, 0.33, 0.65
HSL	122°, 20%, 29%
HSV	122°, 34%, 35%
XYZ	6.1916, 8.4008, 5.5702
YIQ	76.7240, -8.5710, -15.3790

Conversions

Conversions Part 2

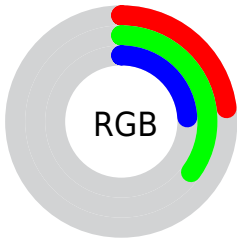
Format	Color
RYB	59, 88, 89
Decimal	3889468
CIELab	34.80, -17.80, 13.35
CIELCh	35, 22.249, 143.133
Yxy	8.4008, 0.3071, 0.4167
Android (android.graphics.Color)	4282079548 (0xFF3B593C)
YUV	76.7240, -8.2449, -15.5439
Hunter-Lab	28.9841, -12.5909, 8.8946

Details

The YUV color **76.7240, -8.2449, -15.5439** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71.2760, 8.2449, 15.5439**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8980, -8.8237, -16.5735**, and **31.3650, -7.0819, -15.2291** is the 20% darker color. If you saturate the color by 10%, you get **73.0070, -10.8495, -20.1771**, and if you desaturate by 10%, it is **80.4410, -5.6404, -10.9108**.

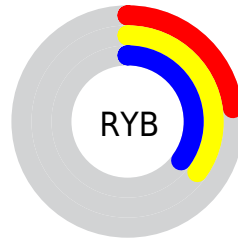
Distribution



 Red (23%)

 Green (35%)

 Blue (24%)



 Red (23%)

 Yellow (35%)

 Blue (35%)

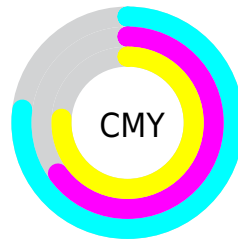


 Cyan (34%)

 Magenta (0%)

 Yellow (33%)

 Black (65%)



 Cyan (77%)

 Magenta (65%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7240, -8.2449, -15.5439 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 76.7240, -8.2449, -15.5439 by changing the saturation by 10% instead.

■ 76.7240, -8.2449,
-15.5439

■ 76.7240, -8.2449,
-15.5439

255.0000, 0.0000,
0.0000

■ 53.2510, -7.5187,
-15.1291

■ 125.8980, -8.8237,
-16.5735

■ 31.3650, -7.0819,
-15.2291

■ 152.3710, -9.5499,
-16.9884

■ 14.0880, -6.9454,
-12.3552

■ 178.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 206.5450,
-10.1287, -18.0180

■ 234.5450,
-10.1287, -18.0180

■ 249.9300, -3.9095,

-6.0776

■ 76.7240, -8.2449,
-15.5439

■ 76.7240, -8.2449,
-15.5439

■ 73.0070, -10.8495,
-20.1771

■ 80.4410, -5.6404,
-10.9108

■ 69.4040, -13.0172,
-24.9103

■ 84.0440, -3.4727,
-6.1776

■ 65.6870, -15.6217,
-29.5435

■ 87.7610, -0.8682,
-1.5444

■ 62.0840, -17.7894,
-34.2767

■ 91.3640, 1.2995,
3.1888

■ 58.6660, -20.5413,
-38.2951

■ 95.0810, 3.9041,
7.8220

■ 54.9490, -23.1459,
-42.9283

■ 98.4990, 6.6560,
11.8404

■ 52.5850, -24.4454,
-46.1170

■ 102.1020, 8.8237,
16.5735

■ 105.8190, 11.4282,
21.2067

■ 109.4220, 13.5960,
25.9399

Harmonies

Analogous

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



79.4010, -14.9877, 0.5253



76.7240, -8.2449, -15.5439



72.9590, 1.9922, -32.4130

Triad

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



76.7240, -8.2449, -15.5439



77.8840, 19.2842, -25.3313



83.0530, -6.9281, 28.8945

Complementary

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



76.7240, -8.2449, -15.5439



71.2760, 8.2449, 15.5439

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.



83.6210, 1.6658, 25.7654



76.7240, -8.2449, -15.5439



82.6910, 15.4353, -4.1140

Square

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



76.7240, -8.2449, -15.5439



69.8660, 19.7861, -46.3635



83.9060, 9.4133, 14.1144



81.8970, -13.7532, 24.6463

Rectangle

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



76.7240, -8.2449, -15.5439



68.9450, 9.8871, -44.6788



83.9060, 9.4133, 14.1144



83.1500, -4.0179, 28.8095

Sweetspot

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



76.7240, -8.2449, -15.5439



110.1580, -3.0359, -6.2776



85.2810, -12.9565, 2.3846



56.1090, -2.0257, -3.6036



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.



76.7240, -8.2449, -15.5439



96.1160, -12.8752, -23.7807



78.4340, -1.6930, -17.0436



41.3480, -1.1576, -2.0592



63.2650, -29.2176, -55.4834



138.8570, -64.5125, -121.7776

Inverse Universe

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



71.2760, 8.2449, 15.5439



87.7700, 12.4384, 23.8807



69.5660, 1.6930, 17.0436



40.6520, 1.1576, 2.0592



43.8490, 29.6544, 55.3834



96.1430, 64.5125, 121.7776

Previews

White Background



This preview shows how the YUV color 76.7240, -8.2449, -15.5439 looks on a white background.

Color Contrast Check

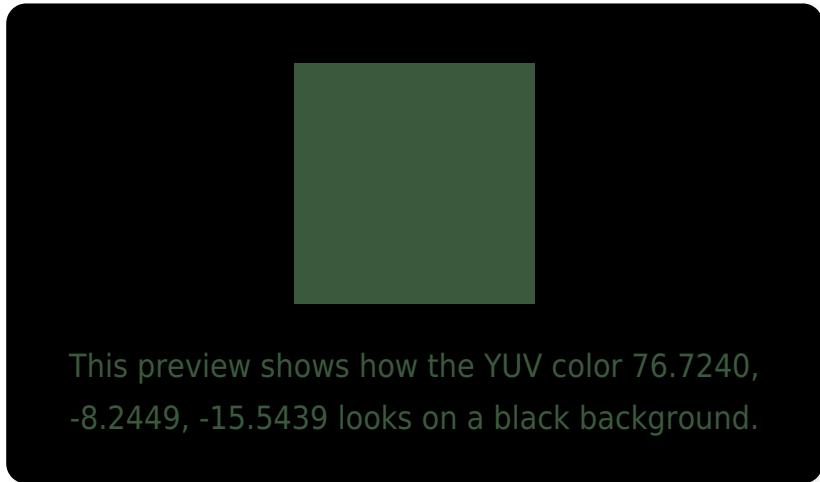
Large Text (above 18pt) WCAG AA ✓ Pass

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

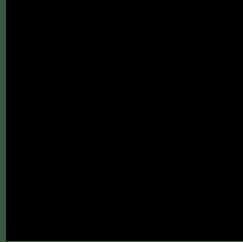
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7240, -8.2449, -15.5439

Background



This preview shows how black text looks on a background with the YUV color 76.7240, -8.2449, -15.5439.



This preview shows how white text looks on a background with the YUV color 76.7240, -8.2449, -15.5439.

-15.5439.

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

76.7240, -8.2449, -15.5439

Protanopia

80.9440, -11.8044, 6.1881

Deuteranopia

81.5580, -9.6421, 12.6656



Tritanopia

79.8180, 6.0057, -12.9954

Trichromacy



Original Color

76.7240, -8.2449, -15.5439

Protanomaly

79.5300, -10.6143, -2.2188

Deuteranomaly

79.9050, -9.3202, 2.7143

Tritanomaly

78.4390, 0.7696, -13.5400

Monochromacy



Original Color

76.7240, -8.2449, -15.5439

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.5710, -2.7465, -5.7628

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7240, -8.2449, -15.5439 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(59, 89, 60)` looks like.

```
.text, #text, p{  
    color:rgb(59, 89, 60)  
}
```

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(59, 89, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 89, 60) }
```

Border

The CSS property to change the border of an element to YUV 76.7240, -8.2449, -15.5439 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(59, 89, 60) }
```


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

```
.border{ border-color:rgb(59, 89, 60) }
```

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

Here you see how a box with a 4 pixel rgb(59, 89, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 89, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 89, 60);  
box-shadow:4px 4px 4px 4px rgb(59, 89, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.7240, -8.2449, -15.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 89, 60) }
```

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

```
.background{ background-color: rgb(59, 89,  
60) }
```

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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