

Converting Colors

YUV(75.1070, -15.8288, -9.7408)

Have a look what the booklet for
YUV(75.1070, -15.8288, -9.7408)
contains.

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Color

**YUV(75.1070, -15.8288,
-9.7408)**

Conversions

Conversions Part 1

Format	Color
Hex	40572B
RGB	64, 87, 43
RGB Percent	25%, 34%, 17%
CMY	0.7490, 0.6588, 0.8314
CMYK	0.26, 0.00, 0.51, 0.66
HSL	91°, 34%, 25%
HSV	91°, 51%, 34%
XYZ	5.9586, 8.0808, 3.5312
YIQ	75.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

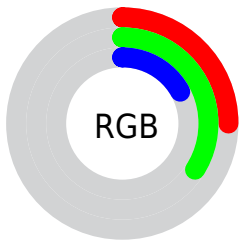
Format	Color
R_{YB}	43, 87, 66
Decimal	4216619
CIE _{Lab}	34.15, -17.54, 22.69
CIE _{LCh}	34, 28.676, 127.708
Yxy	8.0808, 0.3391, 0.4599
Android (android.graphics.Color)	4282406699 (0xFF40572B)
YUV	75.1070, -15.8288, -9.7408
Hunter-Lab	28.4267, -12.3310, 12.5337

Details

The YUV color **75.1070, -15.8288, -9.7408** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54.8930, 15.8288, 9.7408**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4660, -16.9917, -10.0557**, and **30.3460, -14.9606, -8.1964** is the 20% darker color. If you saturate the color by 10%, you get **72.5860, -19.0229, -11.9149**, and if you desaturate by 10%, it is **77.6280, -12.6346, -7.5668**.

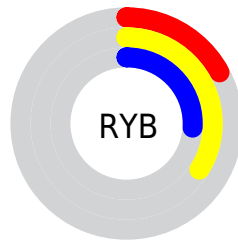
Distribution



Red (25%)

Green (34%)

Blue (17%)



Red (17%)

Yellow (34%)

Blue (26%)

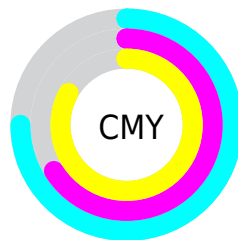


Cyan (26%)

Magenta (0%)

Yellow (51%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1070, -15.8288, -9.7408 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 75.1070, -15.8288, -9.7408 by changing the saturation by 10% instead.

■ 75.1070, -15.8288,
-9.7408

■ 75.1070, -15.8288,
-9.7408

255.0000, 0.0000,
0.0000

■ 52.2210, -15.3920,
-9.8408

■ 124.4660,
-16.9917, -10.0557

■ 30.3460, -14.9606,
-8.1964

■ 150.2380,
-17.8653, -9.8557

■ 13.5010, -6.6560,
-11.8404

■ 176.8250,
-18.1547, -10.3705

■ 0.0000, 0.0000,
0.0000

■ 204.7110,
-18.5915, -10.2705

■ 233.1840,
-19.3177, -10.6854

■ 249.7430,

-13.6773, 0.2254

254.5440, -1.7472,
0.3999

■ 75.1070, -15.8288,
-9.7408

■ 75.1070, -15.8288,
-9.7408

■ 72.5860, -19.0229,
-11.9149

■ 77.6280, -12.6346,
-7.5668

■ 70.4780, -21.9277,
-13.5742

■ 79.7360, -9.7298,
-5.9075

■ 67.9570, -25.1218,
-15.7483

■ 82.2570, -6.5357,
-3.7334

■ 65.7350, -28.4634,
-17.3076

■ 84.4790, -3.1941,
-2.1741

■ 63.6270, -31.3681,
-18.9669

■ 87.0000, 0.0000,
0.0000

■ 89.1080, 2.9048,
1.6593

■ 91.6290, 6.0989,
3.8334

■ 93.8510, 9.4405,
5.3927

■ 96.2580, 12.1978,
7.6667

Harmonies

Analogous

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



77.7350, -21.5614, 9.0024



75.1070, -15.8288, -9.7408



70.0530, -3.9701, -33.3725

Triad

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



75.1070, -15.8288, -9.7408



64.9770, 28.1123, -56.9848



81.1340, -3.0241, 36.7165

Complementary

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



75.1070, -15.8288, -9.7408



54.8930, 15.8288, 9.7408

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.



82.5270, 7.6282, 26.7248



75.1070, -15.8288, -9.7408



77.6440, 23.3465, -21.6128

Square

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



75.1070, -15.8288, -9.7408



65.6150, 20.4028, -57.5444



82.3980, 16.5658, 6.6670



80.1910, -12.9122, 34.9125

Rectangle

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



75.1070, -15.8288, -9.7408



62.8960, 7.4463, -55.1598



82.3980, 16.5658, 6.6670



81.4480, 0.7651, 34.6871

Sweetspot

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



75.1070, -15.8288, -9.7408



107.3710, -6.0989, -3.8334



69.6570, -13.1419, 15.2098



53.3650, -3.6309, -2.0741



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



75.1070, -15.8288, -9.7408



93.4840, -24.3956, -15.3335



68.9420, -12.2964, -22.7511



41.9460, -1.4524, -0.8296



78.0580, -38.4826, -23.7299



171.4330, -84.5165, -52.1227

Inverse Universe

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



54.8930, 15.8288, 9.7408



62.5160, 24.3956, 15.3335



61.0580, 12.2964, 22.7511



40.0540, 1.4524, 0.8296



28.9420, 38.4826, 23.7299



63.5670, 84.5165, 52.1227

Previews

White Background



This preview shows how the YUV color 75.1070, -15.8288, -9.7408 looks on a white background.

Color Contrast Check

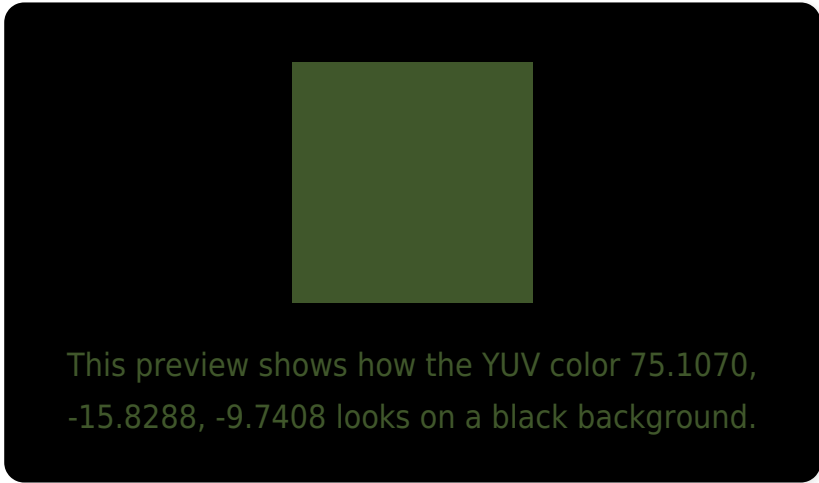
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.1070, -15.8288, -9.7408

Background



This preview shows how black text looks on a background with the YUV color 75.1070, -15.8288, -9.7408.



This preview shows how white text looks on a background with the YUV color 75.1070, -15.8288, -9.7408.

-9.7408.

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

75.1070, -15.8288, -9.7408

Protanopia

77.9460, -18.2144, 8.8174

Deuteranopia

79.1580, -16.3469, 16.5244



Tritanopia

79.5090, 4.6791, -7.4624

Trichromacy



Original Color

75.1070, -15.8288, -9.7408

Protanomaly

77.1300, -17.3191, 1.6400

Deuteranomaly

77.8040, -16.1724, 7.1879

Tritanomaly

77.8480, -2.8831, -8.6367

Monochromacy



Original Color

75.1070, -15.8288, -9.7408

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7840, -5.8095, -3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1070, -15.8288, -9.7408 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(64, 87, 43)` looks like.

```
.text, #text, p{  
    color:rgb(64, 87, 43)  
}
```

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(64, 87, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 87, 43) }
```

Border

The CSS property to change the border of an element to YUV 75.1070, -15.8288, -9.7408 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(64, 87, 43) }
```


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

```
.border{ border-color:rgb(64, 87, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 87, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 87, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 87, 43);  
box-shadow:4px 4px 4px 4px rgb(64, 87, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1070, -15.8288, -9.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 87, 43) }
```

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

```
.background{ background-color: rgb(64, 87,  
43) }
```

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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