

Converting Colors

YUV(75.3730, -12.5089, -1.2041)

Have a look what the booklet for
YUV(75.3730, -12.5089, -1.2041)
contains.

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Color

**YUV(75.3730, -12.5089,
-1.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5132
RGB	74, 81, 50
RGB Percent	29%, 32%, 20%
CMY	0.7098, 0.6824, 0.8039
CMYK	0.09, 0.00, 0.38, 0.68
HSL	74°, 24%, 26%
HSV	74°, 38%, 32%
XYZ	6.3422, 7.5710, 4.1447
YIQ	75.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

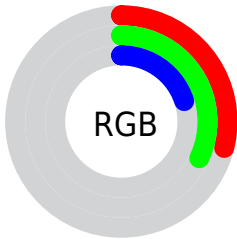
Format	Color
R_{YB}	50, 81, 57
Decimal	4870450
CIE Lab	33.07, -8.72, 17.33
CIE LCh	33, 19.401, 116.711
Yxy	7.5710, 0.3512, 0.4193
Android (android.graphics.Color)	4283060530 (0xFF4A5132)
YUV	75.3730, -12.5089, -1.2041
Hunter-Lab	27.5154, -7.0085, 10.3299

Details

The YUV color **75.3730, -12.5089, -1.2041** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.6270, 12.5089, 1.2041**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1450, -13.3825, -1.0042**, and **30.5580, -13.0931, -0.4894** is the 20% darker color. If you saturate the color by 10%, you get **73.8630, -15.7085, -1.6339**, and if you desaturate by 10%, it is **76.8830, -9.3093, -0.7744**.

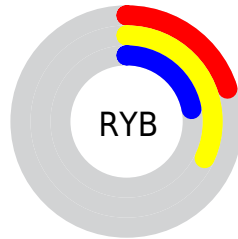
Distribution



 Red (29%)

 Green (32%)

 Blue (20%)



 Red (20%)

 Yellow (32%)

 Blue (22%)

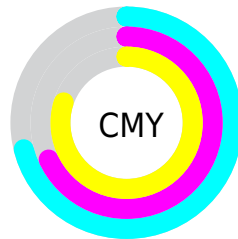


 Cyan (9%)

 Magenta (0%)

 Yellow (38%)

 Black (68%)



 Cyan (71%)

 Magenta (68%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3730, -12.5089, -1.2041 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 75.3730, -12.5089, -1.2041 by changing the saturation by 10% instead.

■ 75.3730, -12.5089,
-1.2041

■ 75.3730, -12.5089,
-1.2041

255.0000, 0.0000,
0.0000

■ 52.6010, -11.6353,
-1.4041

■ 124.1450,
-13.3825, -1.0042

■ 30.5580, -13.0931,
-0.4894

■ 150.0310,
-13.8193, -0.9042

■ 9.3920, -4.6303,
-8.2368

■ 176.8030,
-14.6929, -0.7042

■ 0.0000, 0.0000,
0.0000

■ 204.6890,
-15.1297, -0.6043

■ 232.6890,
-15.1297, -0.6043

■ 252.1500,

-10.9200, 2.4994

■ 75.3730, -12.5089,
-1.2041

■ 75.3730, -12.5089,
-1.2041

■ 73.8630, -15.7085,
-1.6339

■ 76.8830, -9.3093,
-0.7744

■ 72.3530, -18.9080,
-2.0636

■ 78.3930, -6.1097,
-0.3447

■ 71.1420, -22.2550,
-1.8785

■ 79.6040, -2.7628,
-0.5297

■ 69.6320, -25.4546,
-2.3083

■ 81.1140, 0.4368,
-0.1000

■ 68.1220, -28.6541,
-2.7380

■ 82.7380, 4.0732,
0.2298

■ 66.4980, -32.2905,
-3.0677

■ 84.2480, 7.2727,
0.6595

■ 66.3840, -32.7273,
-2.9678

■ 85.7580, 10.4723,
1.0892

■ 87.2680, 13.6719,
1.5190

■ 88.4790, 17.0189,
1.3339

Harmonies

Analogous

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



76.8800, -14.7308, 11.5062



75.3730, -12.5089, -1.2041



72.8920, -6.3558, -14.8143

Triad

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



75.3730, -12.5089, -1.2041



70.3190, 16.1117, -34.4828



79.5560, 0.2189, 23.1914

Complementary

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



75.3730, -12.5089, -1.2041



55.6270, 12.5089, 1.2041

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.



80.0370, 7.3768, 13.9996



75.3730, -12.5089, -1.2041



75.4180, 16.0629, -18.7836

Square

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



75.3730, -12.5089, -1.2041



68.0320, 11.3232, -38.6161



78.4310, 13.0985, -1.2550



79.0310, -6.9173, 25.4058

Rectangle

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



75.3730, -12.5089, -1.2041



71.6180, -0.7977, -24.2210



78.4310, 13.0985, -1.2550



80.1150, 2.4083, 20.9471

Sweetspot

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



75.3730, -12.5089, -1.2041



102.7350, -4.7994, -0.6446



63.3780, -6.5954, 15.4545



52.6040, -2.7628, -0.5297



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



75.3730, -12.5089, -1.2041



96.1250, -19.7816, -1.8636



70.8880, -10.2978, -10.4258



40.2450, -1.5998, -0.2149



85.8540, -42.3260, -4.2570



190.0040, -93.6720, -8.7735

Inverse Universe

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



55.6270, 12.5089, 1.2041



64.8750, 19.7816, 1.8636



60.1120, 10.2978, 10.4258



37.7550, 1.5998, 0.2149



19.1460, 42.3260, 4.2570



41.9960, 93.6720, 8.7735

Previews

White Background



This preview shows how the YUV color 75.3730, -12.5089, -1.2041 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



This preview shows how the YUV color 75.3730, -12.5089, -1.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

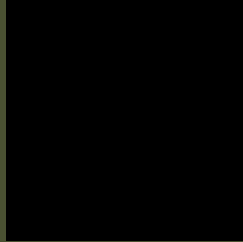
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

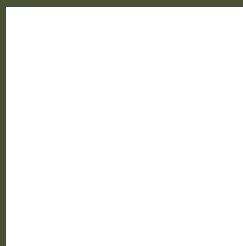
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 75.3730, -12.5089, -1.2041

Background



This preview shows how black text looks on a background with the YUV color 75.3730, -12.5089, -1.2041.



This preview shows how white text looks on a background with the YUV color 75.3730, -12.5089, -1.2041.

-1.2041.

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

75.3730, -12.5089, -1.2041

Protanopia

76.7870, -13.6990, 7.2028

Deuteranopia

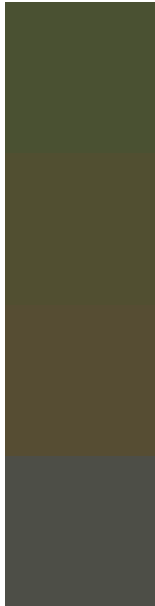
77.0590, -12.8471, 13.9803



Tritanopia

77.9830, 2.4734, 0.0149

Trichromacy



Original Color

75.3730, -12.5089, -1.2041

Protanomaly

76.1780, -13.3988, 4.2289

Deuteranomaly

76.7270, -12.6834, 8.1324

Tritanomaly

76.9030, -2.9102, 0.0851

Monochromacy



Original Color

75.3730, -12.5089, -1.2041

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1480, -4.5100, -0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3730, -12.5089, -1.2041 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(74, 81, 50)` looks like.

```
.text, #text, p{  
    color:rgb(74, 81, 50)  
}
```

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(74, 81, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 81, 50) }
```

Border

The CSS property to change the border of an element to YUV 75.3730, -12.5089, -1.2041 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(74, 81, 50) }
```


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

```
.border{ border-color:rgb(74, 81, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 81, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 81, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 81, 50);  
box-shadow:4px 4px 4px 4px rgb(74, 81, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.3730, -12.5089, -1.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 81, 50) }
```

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

```
.background{ background-color: rgb(74, 81,  
50) }
```

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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