

Converting Colors

YUV(72.6410, 1.1630, 0.3148)

Have a look what the booklet for
YUV(72.6410, 1.1630, 0.3148)
contains.

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Color

**YUV(72.6410, 1.1630,
0.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	49484B
RGB	73, 72, 75
RGB Percent	29%, 28%, 29%
CMY	0.7137, 0.7176, 0.7059
CMYK	0.03, 0.04, 0.00, 0.71
HSL	260°, 2%, 29%
HSV	260°, 4%, 29%
XYZ	6.3350, 6.5592, 7.5888
YIQ	72.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

Format	Color
R_{YB}	73, 72, 75
Decimal	4802635
CIE Lab	30.78, 1.08, -1.65
CIE LCh	31, 1.971, 303.227
Yxy	6.5592, 0.3093, 0.3202
Android (android.graphics.Color)	4282992715 (0xFF49484B)
YUV	72.6410, 1.1630, 0.3148
Hunter-Lab	25.6109, -0.6661, 0.3594

Details

The YUV color **72.6410, 1.1630, 0.3148** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.3590, -1.1630, -0.3148**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0540, 1.4524, 0.8296**, and **29.5270, 0.7262, 0.4148** is the 20% darker color. If you saturate the color by 10%, you get **67.0370, 3.9258, 0.8446**, and if you desaturate by 10%, it is **78.8320, -1.8892, -0.7297**.

Distribution



Red (29%)

Green (28%)

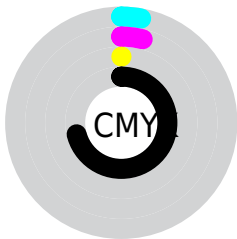
Blue (29%)



Red (29%)

Yellow (28%)

Blue (29%)



Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (71%)



Cyan (71%)

Magenta (72%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6410, 1.1630, 0.3148 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 72.6410, 1.1630, 0.3148 by changing the saturation by 10% instead.

■ 72.6410, 1.1630,
0.3148

■ 72.6410, 1.1630,
0.3148

■ 255.0000, 0.0000,
0.0000

■ 50.5270, 0.7262,
0.4148

■ 121.0540, 1.4524,
0.8296

■ 29.5270, 0.7262,
0.4148

■ 146.6410, 1.1630,
0.3148

■ 3.1680, 1.8892,
0.7297

■ 173.6410, 1.1630,
0.3148

■ 0.0000, 0.0000,
0.0000

■ 200.7550, 1.5998,
0.2149

■ 228.7550, 1.5998,
0.2149

■ 72.6410, 1.1630,
0.3148

■ 72.6410, 1.1630,
0.3148

■ 67.0370, 3.9258,
0.8446

■ 78.8320, -1.8892,
-0.7297

■ 60.8460, 6.9779,
1.8891

■ 84.4360, -4.6519,
-1.2594

■ 54.6550, 10.0301,
2.9336

■ 90.6270, -7.7041,
-2.3039

■ 49.0510, 12.7929,
3.4633

■ 96.2310, -10.4669,
-2.8336

■ 43.4470, 15.5556,
3.9930

■ 102.4220,
-13.5190, -3.8781

■ 37.2560, 18.6078,
5.0375

■ 108.0260,
-16.2818, -4.4078

■ 31.6520, 21.3706,
5.5672

■ 114.2170,
-19.3340, -5.4523

■ 25.4610, 24.4227,

■ 119.8210,

6.6117

-22.0968, -5.9820

■ 19.8570, 27.1855,
7.1414

■ 125.4250,
-24.8595, -6.5117

Harmonies

Analogous

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



72.6300, 1.1684, -1.4295



72.6410, 1.1630, 0.3148



73.1250, 0.4314, 1.6444

Triad

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



72.6410, 1.1630, 0.3148



72.6690, -1.3158, 2.0443



71.8040, 0.5896, -2.4591

Complementary

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



72.6410, 1.1630, 0.3148



74.3590, -1.1630, -0.3148

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.



71.8750, -0.4314, -1.6444



72.6410, 1.1630, 0.3148



72.2560, -1.6052, 1.5295

Square

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



72.6410, 1.1630, 0.3148



73.0820, -1.0264, 2.5591



72.3590, -1.1630, -0.3148



71.9180, 1.0264, -2.5591

Rectangle

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



72.6410, 1.1630, 0.3148



72.4240, 0.2840, 2.2592



72.3590, -1.1630, -0.3148



71.6900, 0.1528, -2.3591

Sweetspot

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



72.6410, 1.1630, 0.3148



96.1140, 0.4368, -0.1000



73.5160, 0.7316, -1.3295



48.0000, 0.0000, 0.0000



176.0000, 0.0000, 0.0000

Same Dimension

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



72.6410, 1.1630, 0.3148



93.1680, 1.8892, 0.7297



72.9400, 1.0156, 0.9296



36.5270, 0.7262, 0.4148



21.7940, 39.5416, 10.7047



48.9440, 89.2606, 23.7281

Inverse Universe

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



73.1250, 0.4314, 1.6444



93.8370, 0.5734, 2.7740



74.0600, -1.0156, -0.9296



36.7120, 0.1420, 1.1296



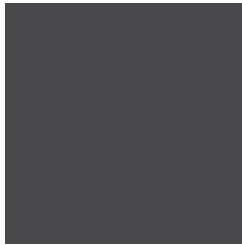
38.2500, 14.6668, 55.9087



86.2120, 32.9265, 126.1021

Previews

White Background



This preview shows how the YUV color 72.6410, 1.1630, 0.3148 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 72.6410, 1.1630, 0.3148 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 72.6410, 1.1630, 0.3148

Background



This preview shows how black text looks on a background with the YUV color 72.6410, 1.1630, 0.3148.



This preview shows how white text looks on a background with the YUV color 72.6410, 1.1630,

0.3148.

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

72.6410, 1.1630, 0.3148

Protanopia

72.6410, 1.1630, 0.3148

Deuteranopia

72.9620, 1.0047, 4.4183



Tritanopia

72.8690, 2.0366, 0.1149

Trichromacy



Original Color

72.6410, 1.1630, 0.3148

Protanomaly

72.6410, 1.1630, 0.3148

Deuteranomaly

72.9510, 1.0102, 2.6740

Tritanomaly

72.7550, 1.5998, 0.2149

Monochromacy



Original Color

72.6410, 1.1630, 0.3148

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6410, 1.1630, 0.3148 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(73, 72, 75)` looks like.

```
.text, #text, p{  
    color:rgb(73, 72, 75)  
}
```

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(73, 72, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 72, 75) }
```

Border

The CSS property to change the border of an element to YUV 72.6410, 1.1630, 0.3148 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(73, 72, 75) }
```

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

```
.border{ border-color:rgb(73, 72, 75) }
```

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

Here you see how a box with a 4 pixel rgb(73, 72, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 72, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 72, 75);  
box-shadow:4px 4px 4px 4px rgb(73, 72, 75)  
}
```


Background

The CSS property to change the background color of an element to YUV 72.6410, 1.1630, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 72, 75) }
```

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

```
.background{ background-color: rgb(73, 72,  
75) }
```

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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