

Converting Colors

YUV(73.4160, -11.0511, -2.1188)

Have a look what the booklet for
YUV(73.4160, -11.0511, -2.1188)
contains.

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Color

**YUV(73.4160, -11.0511,
-2.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	474F33
RGB	71, 79, 51
RGB Percent	28%, 31%, 20%
CMY	0.7216, 0.6902, 0.8000
CMYK	0.10, 0.00, 0.35, 0.69
HSL	77°, 22%, 25%
HSV	77°, 35%, 31%
XYZ	5.9921, 7.1706, 4.2002
YIQ	73.4160, 4.2200, -10.4040

Conversions

Conversions Part 2

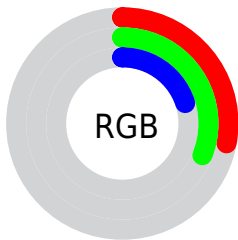
Format	Color
RYB	51, 79, 59
Decimal	4673331
CIELab	32.19, -8.73, 15.51
CIElCh	32, 17.799, 119.359
Yxy	7.1706, 0.3451, 0.4130
Android (android.graphics.Color)	4282863411 (0xFF474F33)
YUV	73.4160, -11.0511, -2.1188
Hunter-Lab	26.7779, -6.9187, 9.4447

Details

The YUV color **73.4160, -11.0511, -2.1188** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **56.5840, 11.0511, 2.1188**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1880, -11.9247, -1.9189**, and **29.6010, -11.6353, -1.4041** is the 20% darker color. If you saturate the color by 10%, you get **71.9060, -14.2507, -2.5486**, and if you desaturate by 10%, it is **74.9260, -7.8515, -1.6891**.

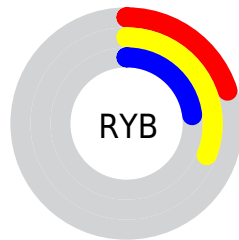
Distribution



Red (28%)

Green (31%)

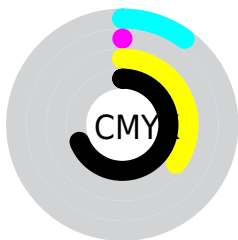
Blue (20%)



Red (20%)

Yellow (31%)

Blue (23%)

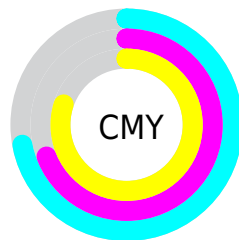


Cyan (10%)

Magenta (0%)

Yellow (35%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4160, -11.0511, -2.1188 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 73.4160, -11.0511, -2.1188 by changing the saturation by 10% instead.

■ 73.4160, -11.0511,
-2.1188

■ 73.4160, -11.0511,
-2.1188

255.0000, 0.0000,
0.0000

■ 50.6440, -10.1775,
-2.3188

■ 122.1880,
-11.9247, -1.9189

■ 29.6010, -11.6353,
-1.4041

■ 148.0740,
-12.3615, -1.8189

■ 8.2180, -4.0515,
-7.2072

■ 174.5470,
-13.0877, -2.2337

■ 0.0000, 0.0000,
0.0000

■ 201.8460,
-13.2351, -1.6189

■ 230.4330,
-13.5245, -2.1337

■ 252.2640,

-10.4832, 2.3995

■ 73.4160, -11.0511,
-2.1188

■ 73.4160, -11.0511,
-2.1188

■ 71.9060, -14.2507,
-2.5486

■ 74.9260, -7.8515,
-1.6891

■ 70.0970, -17.3028,
-3.5931

■ 76.7350, -4.7994,
-0.6446

■ 68.5870, -20.5024,
-4.0228

■ 78.2450, -1.5998,
-0.2149

■ 67.0770, -23.7020,
-4.4525

■ 79.7550, 1.5998,
0.2149

■ 65.6810, -26.4647,
-4.9822

■ 81.2650, 4.7994,
0.6446

■ 63.8720, -29.5169,
-6.0267

■ 82.9600, 7.4147,
1.7891

■ 63.1170, -31.1167,
-6.2416

■ 84.4700, 10.6143,
2.2188

■ 85.9800, 13.8139,
2.6485

■ 87.4900, 17.0134,
3.0783

Harmonies

Analogous

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



75.2110, -13.4150, 9.4620



73.4160, -11.0511, -2.1188



71.5330, -5.1928, -14.4994

Triad

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



73.4160, -11.0511, -2.1188



69.8960, 14.3483, -28.8498



77.4310, -0.2125, 21.5470

Complementary

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



73.4160, -11.0511, -2.1188



56.5840, 11.0511, 2.1188

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.



77.9830, 5.9244, 13.1699



73.4160, -11.0511, -2.1188



73.9840, 14.3049, -14.8950

Square

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



73.4160, -11.0511, -2.1188



67.5380, 10.5808, -33.7978



76.6870, 11.4933, 0.2745



76.7210, -6.7645, 23.0467

Rectangle

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



73.4160, -11.0511, -2.1188



69.8570, 0.0705, -22.6766



76.6870, 11.4933, 0.2745



77.8760, 1.5401, 19.4027

Sweetspot

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



73.4160, -11.0511, -2.1188



99.8490, -4.3626, -0.7446



64.0680, -6.4425, 13.0954



49.6040, -2.7628, -0.5297



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



73.4160, -11.0511, -2.1188



93.0970, -17.3028, -3.5931



69.2300, -8.9874, -10.7257



37.2450, -1.5998, -0.2149



81.7010, -40.2786, -7.6308



184.0460, -90.7347, -17.5803

Inverse Universe

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



56.5840, 11.0511, 2.1188



66.9030, 17.3028, 3.5931



60.7700, 8.9874, 10.7257



35.0540, 1.4524, 0.8296



20.2990, 40.2786, 7.6308



45.9540, 90.7347, 17.5803

Previews

White Background



This preview shows how the YUV color 73.4160, -11.0511, -2.1188 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 73.4160, -11.0511, -2.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

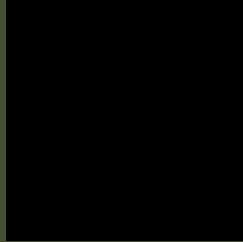
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

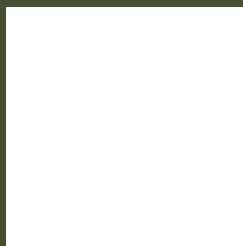
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.4160, -11.0511, -2.1188

Background



This preview shows how black text looks on a background with the YUV color 73.4160, -11.0511, -2.1188.



This preview shows how white text looks on a background with the YUV color 73.4160, -11.0511, -2.1188.

-2.1188.

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

73.4160, -11.0511, -2.1188

Protanopia

74.8300, -12.2412, 6.2881

Deuteranopia

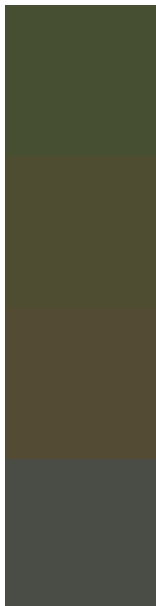
75.1020, -11.3893, 13.0655



Tritanopia

75.6840, 2.6208, -0.5999

Trichromacy



Original Color

73.4160, -11.0511, -2.1188

Protanomaly

74.2210, -11.9410, 3.3142

Deuteranomaly

74.7700, -11.2256, 7.2177

Tritanomaly

74.7180, -2.3260, -0.6297

Monochromacy



Original Color

73.4160, -11.0511, -2.1188

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4160, -11.0511, -2.1188 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(71, 79, 51)` looks like.

```
.text, #text, p{  
    color:rgb(71, 79, 51)  
}
```

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(71, 79, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 79, 51) }
```

Border

The CSS property to change the border of an element to YUV 73.4160, -11.0511, -2.1188 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(71, 79, 51) }
```


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

```
.border{ border-color:rgb(71, 79, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 79, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 79, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 79, 51);  
box-shadow:4px 4px 4px 4px rgb(71, 79, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.4160, -11.0511, -2.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 79, 51) }
```

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

```
.background{ background-color: rgb(71, 79,  
51) }
```

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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