

Converting Colors

YUV(77.0490, -1.0102, -2.6740)

Have a look what the booklet for
YUV(77.0490, -1.0102, -2.6740)
contains.

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Color

**YUV(77.0490, -1.0102,
-2.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4F4B
RGB	74, 79, 75
RGB Percent	29%, 31%, 29%
CMY	0.7098, 0.6902, 0.7059
CMYK	0.06, 0.00, 0.05, 0.69
HSL	132°, 3%, 30%
HSV	132°, 6%, 31%
XYZ	6.8900, 7.5558, 7.7519
YIQ	77.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

Format	Color
RYB	74, 78, 79
Decimal	4869963
CIELab	33.04, -2.90, 1.66
CIElCh	33, 3.342, 150.213
Yxy	7.5558, 0.3104, 0.3404
Android (android.graphics.Color)	4283060043 (0xFF4A4F4B)
YUV	77.0490, -1.0102, -2.6740
Hunter-Lab	27.4878, -3.3614, 2.5210

Details

The YUV color **77.0490, -1.0102, -2.6740** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75.9510, 1.0102, 2.6740**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0490, -1.0102, -2.6740**, and **33.0490, -1.0102, -2.6740** is the 20% darker color. If you saturate the color by 10%, you get **73.9730, -2.4517, -6.9923**, and if you desaturate by 10%, it is **80.1250, 0.4314, 1.6444**.

Distribution



Red (29%)

Green (31%)

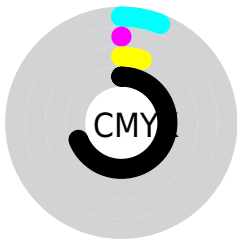
Blue (29%)



Red (29%)

Yellow (31%)

Blue (31%)

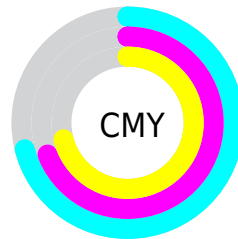


Cyan (6%)

Magenta (0%)

Yellow (5%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0490, -1.0102, -2.6740 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 77.0490, -1.0102, -2.6740 by changing the saturation by 10% instead.

■ 77.0490, -1.0102,
-2.6740

■ 77.0490, -1.0102,
-2.6740

■ 255.0000, 0.0000,
0.0000

■ 54.0490, -1.0102,
-2.6740

■ 126.0490, -1.0102,
-2.6740

■ 33.0490, -1.0102,
-2.6740

■ 151.6360, -1.2995,
-3.1888

■ 9.9240, -1.4415,
-4.3183

■ 178.6360, -1.2995,
-3.1888

■ 0.0000, 0.0000,
0.0000

■ 205.7500, -0.8627,
-3.2887

■ 234.6360, -1.2995,
-3.1888

■ 77.0490, -1.0102,
-2.6740

■ 77.0490, -1.0102,
-2.6740

■ 73.9730, -2.4517,
-6.9923

■ 80.1250, 0.4314,
1.6444

■ 70.7830, -4.3300,
-11.2107

■ 83.3150, 2.3097,
5.8627

■ 67.7070, -5.7716,
-15.5290

■ 86.3910, 3.7512,
10.1811

■ 64.6310, -7.2131,
-19.8474

■ 89.4670, 5.1928,
14.4994

■ 61.7400, -9.2388,
-23.4510

■ 92.6570, 7.0711,
18.7178

■ 58.6640, -10.6804,
-27.7693

■ 95.4340, 8.6600,
22.4214

■ 55.5880, -12.1219,
-32.0877

■ 98.5100, 10.1016,
26.7397

■ 52.3980, -14.0002,

■ 101.7000, 11.9799,

-36.3060

30.9581

■ 49.3220, -15.4417,
-40.6244

■ 104.7760, 13.4214,
35.2764

Harmonies

Analogous

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



77.1310, -2.0366, -0.1149



77.0490, -1.0102, -2.6740



76.7930, 0.5951, -4.2035

Triad

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



77.0490, -1.0102, -2.6740



77.6730, 2.6262, -2.3442



78.2780, -1.6161, 5.0182

Complementary

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



77.0490, -1.0102, -2.6740



75.9510, 1.0102, 2.6740

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.



78.3210, -0.1583, 4.1035



77.0490, -1.0102, -2.6740



77.8690, 2.0366, 0.1149

Square

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



77.0490, -1.0102, -2.6740



77.5480, 2.1948, -3.9886



77.9510, 1.0102, 2.6740



78.0390, -2.4842, 3.4738

Rectangle

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



77.0490, -1.0102, -2.6740



76.6080, 1.1793, -4.9182



77.9510, 1.0102, 2.6740



78.3920, -1.1793, 4.9182

Sweetspot

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



77.0490, -1.0102, -2.6740



101.1740, -0.5788, -1.0296



78.1310, -2.0366, -0.1149



50.5870, -0.2894, -0.5148



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.



77.0490, -1.0102, -2.6740



98.8100, -1.8783, -4.2184



77.2770, -0.1366, -2.8739



36.4620, -0.7208, -2.1592



62.1540, -20.7819, -54.5091



140.2540, -46.4672, -123.0028

Inverse Universe

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



75.9510, 1.0102, 2.6740



97.0760, 1.4415, 4.3183



75.7230, 0.1366, 2.8739



35.5380, 0.7208, 2.1592



39.8460, 20.7819, 54.5091



89.7460, 46.4672, 123.0028

Previews

White Background



This preview shows how the YUV color 77.0490, -1.0102, -2.6740 looks on a white background.

Color Contrast Check

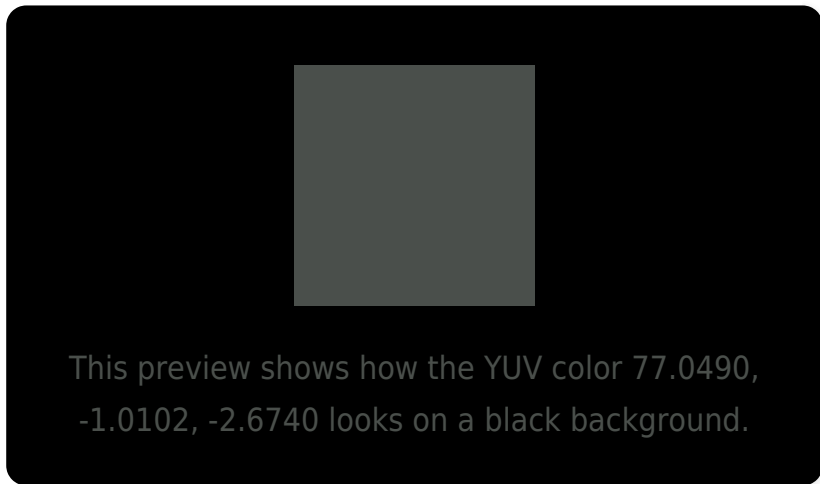
Large Text (above 18pt) WCAG AA ✓ Pass

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

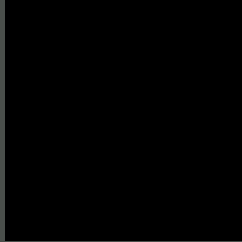
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0490, -1.0102, -2.6740

Background



This preview shows how black text looks on a background with the YUV color 77.0490, -1.0102, -2.6740.



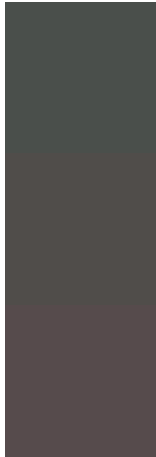
This preview shows how white text looks on a background with the YUV color 77.0490, -1.0102, -2.6740.

-2.6740.

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

77.0490, -1.0102, -2.6740

Protanopia

77.5550, -1.7526, 2.1443

Deuteranopia

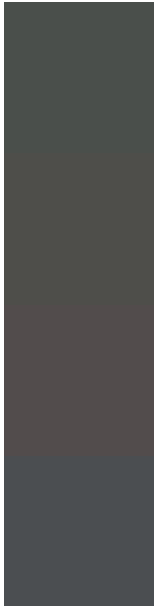
78.4030, -1.1847, 6.6626



Tritanopia

77.7870, 3.0630, -2.4442

Trichromacy



Original Color

77.0490, -1.0102, -2.6740

Protanomaly

77.5440, -1.7472, 0.3999

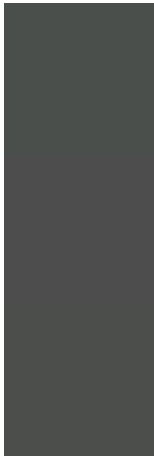
Deuteranomaly

77.7940, -0.8844, 3.6887

Tritanomaly

77.4450, 1.7526, -2.1443

Monochromacy



Original Color

77.0490, -1.0102, -2.6740

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1740, -0.5788, -1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0490, -1.0102, -2.6740 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, 79, 75)` looks like.

```
.text, #text, p{  
    color:rgb(74, 79, 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(74, 79, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 79, 75) }
```

Border

The CSS property to change the border of an element to YUV 77.0490, -1.0102, -2.6740 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, 79, 75) }
```


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

```
.border{ border-color:rgb(74, 79, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 79, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 79, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 79, 75);  
box-shadow:4px 4px 4px 4px rgb(74, 79, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0490, -1.0102, -2.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 79, 75) }
```

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

```
.background{ background-color: rgb(74, 79,  
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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