

Converting Colors

YUV(88.6770, -13.6448,
-10.2407)

Have a look what the booklet for
YUV(88.6770, -13.6448, -10.2407)
contains.

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Color

**YUV(88.6770, -13.6448,
-10.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	4D643D
RGB	77, 100, 61
RGB Percent	30%, 39%, 24%
CMY	0.6980, 0.6078, 0.7608
CMYK	0.23, 0.00, 0.39, 0.61
HSL	95°, 24%, 32%
HSV	95°, 39%, 39%
XYZ	8.4600, 11.0290, 6.0978
YIQ	88.6770, -1.1890, -17.0050

Conversions

Conversions Part 2

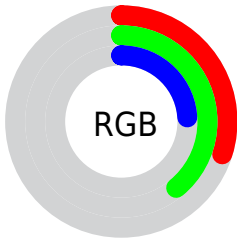
Format	Color
RYB	61, 100, 84
Decimal	5071933
CIELab	39.63, -16.54, 19.39
CIElCh	40, 25.487, 130.454
Yxy	11.0290, 0.3306, 0.4310
Android (android.graphics.Color)	4283262013 (0xFF4D643D)
YUV	88.6770, -13.6448, -10.2407
Hunter-Lab	33.2100, -12.6457, 12.3606

Details

The YUV color **88.6770, -13.6448, -10.2407** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.3230, 13.6448, 10.2407**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0360, -14.8077, -10.5556**, and **42.4320, -12.0450, -10.0259** is the 20% darker color. If you saturate the color by 10%, you get **85.7430, -17.1283, -12.9296**, and if you desaturate by 10%, it is **91.6110, -10.1612, -7.5518**.

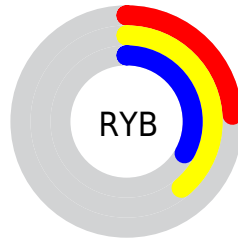
Distribution



 Red (30%)

 Green (39%)

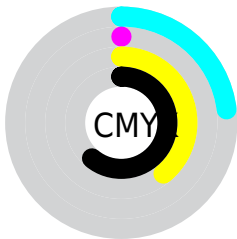
 Blue (24%)



 Red (24%)

 Yellow (39%)

 Blue (33%)

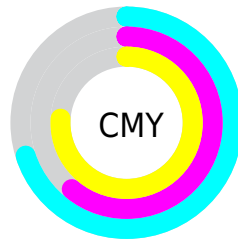


 Cyan (23%)

 Magenta (0%)

 Yellow (39%)

 Black (61%)



 Cyan (70%)

 Magenta (61%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6770, -13.6448, -10.2407 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 88.6770, -13.6448, -10.2407 by changing the saturation by 10% instead.

■ 88.6770, -13.6448,
-10.2407

■ 88.6770, -13.6448,
-10.2407

■ 255.0000, 0.0000,
0.0000

■ 65.2040, -12.9186,
-9.8259

■ 139.0360,
-14.8077, -10.5556

■ 42.4320, -12.0450,
-10.0259

■ 165.5090,
-15.5339, -10.9704

■ 21.7740, -10.7346,
-10.3258

■ 192.5090,
-15.5339, -10.9704

■ 0.0000, 0.0000,
0.0000

■ 220.3950,
-15.9707, -10.8704

■ 244.8730,
-14.2344, -7.7816

■ 253.7460, -4.8048,

1.0998

■ 88.6770, -13.6448,
-10.2407

■ 88.6770, -13.6448,
-10.2407

■ 85.7430, -17.1283,
-12.9296

■ 91.6110, -10.1612,
-7.5518

■ 82.8090, -20.6118,
-15.6185

■ 94.5450, -6.6777,
-4.8630

■ 79.8750, -24.0954,
-18.3074

■ 97.4790, -3.1941,
-2.1741

■ 76.9410, -27.5789,
-20.9963

■ 100.4130, 0.2894,
0.5148

■ 74.3060, -31.2099,
-23.0704

■ 103.0480, 3.9203,
2.5889

■ 71.3720, -34.6934,
-25.7592

■ 105.9820, 7.4039,
5.2778

■ 70.9590, -34.9828,
-26.2740

■ 108.9160, 10.8874,
7.9667

■ 111.8500, 14.3710,
10.6556

■ 114.7840, 17.8545,
13.3444

Harmonies

Analogous

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



91.0060, -19.2300, 7.8877



88.6770, -13.6448, -10.2407



84.7160, -2.8180, -29.5689

Triad

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



88.6770, -13.6448, -10.2407



84.2240, 23.5536, -41.4154



95.1830, -4.0342, 34.0425

Complementary

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



88.6770, -13.6448, -10.2407



72.3230, 13.6448, 10.2407

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.



96.0600, 5.8864, 25.3804



88.6770, -13.6448, -10.2407



92.2920, 20.5620, -15.1651

Square

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



88.6770, -13.6448, -10.2407



74.1410, 22.6085, -65.0217



95.5400, 14.5238, 8.2964



94.3540, -13.4855, 32.1385

Rectangle

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



88.6770, -13.6448, -10.2407



80.6200, 6.1033, -44.3937



95.5400, 14.5238, 8.2964



95.3830, -0.6818, 32.1131

Sweetspot

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



88.6770, -13.6448, -10.2407



125.4850, -5.6621, -3.9333



86.1620, -12.4049, 12.1359



63.4790, -3.1941, -2.1741



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



88.6770, -13.6448, -10.2407



112.2820, -21.3380, -16.0333



84.2350, -9.9759, -20.3771



49.5330, -1.7418, -1.3444



81.5580, -40.2081, -30.3074



171.6550, -84.6259, -63.7184

Inverse Universe

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



72.3230, 13.6448, 10.2407



86.7180, 21.3380, 16.0333



76.7650, 9.9759, 20.3771



47.4670, 1.7418, 1.3444



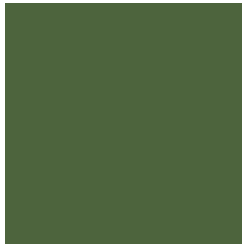
33.4420, 40.2081, 30.3074



70.3450, 84.6259, 63.7184

Previews

White Background



This preview shows how the YUV color 88.6770, -13.6448, -10.2407 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 × Fail

Black Background



This preview shows how the YUV color 88.6770, -13.6448, -10.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

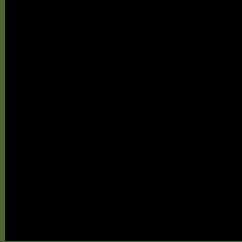
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6770, -13.6448, -10.2407

Background



This preview shows how black text looks on a background with the YUV color 88.6770, -13.6448, -10.2407.



This preview shows how white text looks on a background with the YUV color 88.6770, -13.6448, -10.2407.

-10.2407.

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

88.6770, -13.6448, -10.2407

Protanopia

91.7010, -16.6146, 9.0322

Deuteranopia

92.6140, -14.5997, 16.1245



Tritanopia

92.3240, 5.2633, -8.1771

Trichromacy



Original Color

88.6770, -13.6448, -10.2407

Protanomaly

90.8850, -15.7193, 1.8549

Deuteranomaly

91.2600, -14.4252, 6.7880

Tritanomaly

91.1900, -1.5727, -8.9366

Monochromacy



Original Color

88.6770, -13.6448, -10.2407

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0120, -4.9359, -3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6770, -13.6448, -10.2407 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(77, 100, 61)` looks like.

```
.text, #text, p{  
    color:rgb(77, 100, 61)  
}
```

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(77, 100, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 100, 61) }
```

Border

The CSS property to change the border of an element to YUV 88.6770, -13.6448, -10.2407 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(77, 100, 61) }
```


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

```
.border{ border-color:rgb(77, 100, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 100, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 100, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 100, 61);  
box-shadow:4px 4px 4px 4px rgb(77, 100,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 88.6770, -13.6448, -10.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 100, 61) }
```

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

```
.background{ background-color: rgb(77, 100,  
61) }
```

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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