

Converting Colors

YUV(78.2430, -11.9518, 6.8029)

Have a look what the booklet for
YUV(78.2430, -11.9518, 6.8029)
contains.

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Color

**YUV(78.2430, -11.9518,
6.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	564F36
RGB	86, 79, 54
RGB Percent	34%, 31%, 21%
CMY	0.6627, 0.6902, 0.7882
CMYK	0.00, 0.08, 0.37, 0.66
HSL	47°, 23%, 27%
HSV	47°, 37%, 34%
XYZ	7.2996, 7.8367, 4.6179
YIQ	78.2430, 12.1970, -6.2910

Conversions

Conversions Part 2

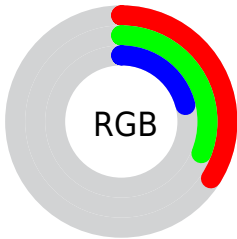
Format	Color
R_{YB}	63, 86, 54
Decimal	5656374
CIE _{Lab}	33.64, -1.44, 15.84
CIE _{LCh}	34, 15.905, 95.181
Yxy	7.8367, 0.3695, 0.3967
Android (android.graphics.Color)	4283846454 (0xFF564F36)
YUV	78.2430, -11.9518, 6.8029
Hunter-Lab	27.9942, -2.4453, 9.8154

Details

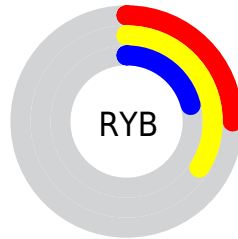
The YUV color **78.2430, -11.9518, 6.8029** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **61.7570, 11.9518, -6.8029**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3140, -12.9728, 7.6176**, and **33.6450, -11.6570, 5.5733** is the 20% darker color. If you saturate the color by 10%, you get **76.0430, -15.3042, 8.7323**, and if you desaturate by 10%, it is **80.4430, -8.5994, 4.8735**.

Distribution



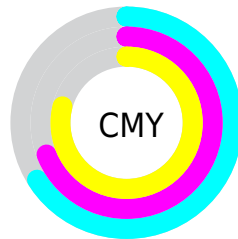
- Red (34%)
- Green (31%)
- Blue (21%)



- Red (25%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (66%)



- Cyan (66%)
- Magenta (69%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2430, -11.9518, 6.8029 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 78.2430, -11.9518, 6.8029 by changing the saturation by 10% instead.

■ 78.2430, -11.9518,
6.8029

■ 78.2430, -11.9518,
6.8029

■ 255.0000, 0.0000,
0.0000

■ 55.0580, -11.3676,
6.0881

■ 127.3140,
-12.9728, 7.6176

■ 33.6450, -11.6570,
5.5733

■ 153.4990,
-13.5570, 8.3324

■ 12.4150, -6.1206,
3.1440

■ 180.3850,
-13.9938, 8.4324

■ 0.0000, 0.0000,
0.0000

■ 207.6840,
-14.1412, 9.0471

■ 235.8690,
-14.7254, 9.7619

■ 252.7200, -8.7360,

1.9996

■ 78.2430, -11.9518,
6.8029

■ 78.2430, -11.9518,
6.8029

■ 76.0430, -15.3042,
8.7323

■ 80.4430, -8.5994,
4.8735

■ 73.9570, -18.2198,
10.5617

■ 82.5290, -5.6838,
3.0441

■ 71.7570, -21.5722,
12.4911

■ 84.7290, -2.3314,
1.1147

■ 69.6710, -24.4878,
14.3205

■ 86.8150, 0.5842,
-0.7148

■ 68.0580, -28.1296,
15.7351

■ 88.4280, 4.2260,
-2.1294

■ 65.8580, -31.4820,
17.6645

■ 90.6280, 7.5784,
-4.0588

■ 65.0430, -32.0662,
18.3793

■ 92.7140, 10.4940,
-5.8882

■ 94.9140, 13.8464,
-7.8176

■ 97.0000, 16.7620,
-9.6470

Harmonies

Analogous

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



79.5260, -11.1053, 15.3247



78.2430, -11.9518, 6.8029



76.8610, -9.2985, -4.2631

Triad

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



78.2430, -11.9518, 6.8029



73.3430, 9.6909, -28.3648



80.9400, 4.4666, 14.0846

Complementary

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



78.2430, -11.9518, 6.8029



61.7570, 11.9518, -6.8029

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.



80.5410, 9.5933, 3.0335



78.2430, -11.9518, 6.8029



75.0000, 13.3110, -22.8020

Square

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



78.2430, -11.9518, 6.8029



73.1710, 3.8597, -24.7060



78.5500, 12.5469, -11.0063



80.9640, -1.9543, 20.2026

Rectangle

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



78.2430, -11.9518, 6.8029



76.0280, -5.9298, -11.4256



78.5500, 12.5469, -11.0063



80.7870, 6.5140, 10.7108

Sweetspot

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



78.2430, -11.9518, 6.8029



109.4580, -4.6628, 2.2293



64.3660, -1.6594, 18.9730



54.6150, -2.7682, 1.2146



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



78.2430, -11.9518, 6.8029



99.8430, -18.6566, 10.6617



79.6610, -12.6509, -2.3337



41.9570, -1.4578, 0.9147



81.3010, -40.0814, 22.5380



177.6860, -87.5992, 50.2644

Inverse Universe

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



61.7570, 11.9518, -6.8029



74.1570, 18.6566, -10.6617



60.3390, 12.6509, 2.3337



40.0430, 1.4578, -0.9147



25.6990, 40.0814, -22.5380



56.7270, 87.8886, -49.7496

Previews

White Background



This preview shows how the YUV color 78.2430, -11.9518, 6.8029 looks on a white background.

Color Contrast Check

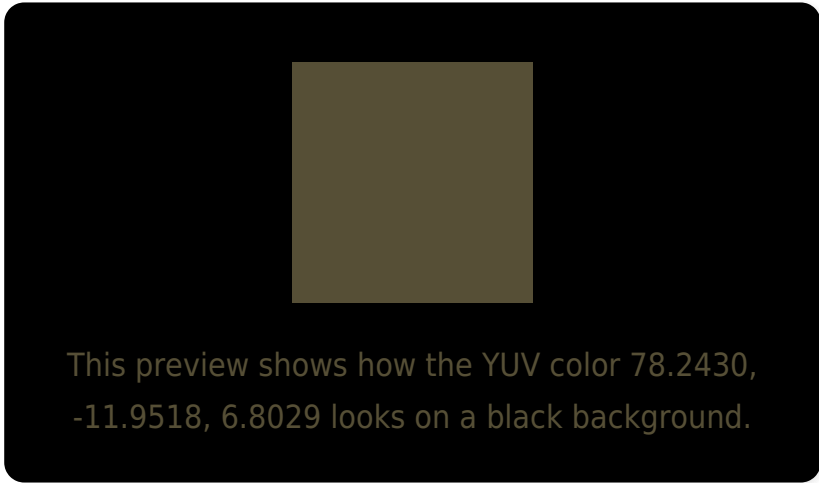
Large Text (above 18pt) WCAG AA ✓ Pass

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

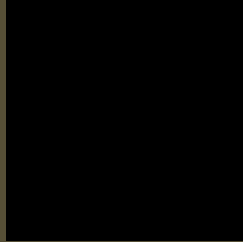
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2430, -11.9518, 6.8029

Background



This preview shows how black text looks on a background with the YUV color 78.2430, -11.9518, 6.8029.

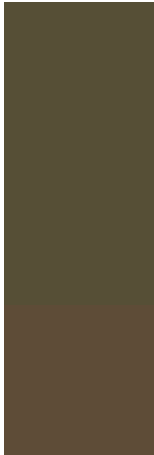


This preview shows how white text looks on a background with the YUV color 78.2430, -11.9518,

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

78.2430, -11.9518, 6.8029

Protanopia

78.2430, -11.9518, 6.8029

Deuteranopia

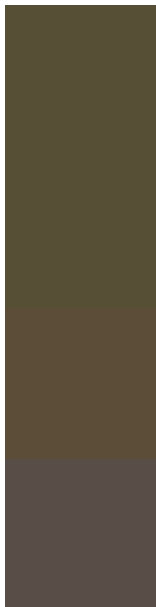
78.9880, -11.8261, 13.1655



Tritanopia

80.4570, 0.2677, 7.4922

Trichromacy



Original Color

78.2430, -11.9518, 6.8029

Protanomaly

78.2430, -11.9518, 6.8029

Deuteranomaly

78.6780, -11.6733, 10.8064

Tritanomaly

79.6050, -4.2423, 7.3624

Monochromacy



Original Color

78.2430, -11.9518, 6.8029

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2430, -11.9518, 6.8029 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(86, 79, 54)` looks like.

```
.text, #text, p{  
    color:rgb(86, 79, 54)  
}
```

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(86, 79, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 79, 54) }
```

Border

The CSS property to change the border of an element to YUV 78.2430, -11.9518, 6.8029 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(86, 79, 54) }
```


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

```
.border{ border-color:rgb(86, 79, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 79, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 79, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 79, 54);  
box-shadow:4px 4px 4px 4px rgb(86, 79, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.2430, -11.9518, 6.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 79, 54) }
```

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

```
.background{ background-color: rgb(86, 79,  
54) }
```

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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