

Converting Colors

YUV(72.9580, -6.3883, -4.3482)

Have a look what the booklet for
YUV(72.9580, -6.3883, -4.3482)
contains.

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Color

**YUV(72.9580, -6.3883,
-4.3482)**

Conversions

Conversions Part 1

Format	Color
Hex	444E3C
RGB	68, 78, 60
RGB Percent	27%, 31%, 24%
CMY	0.7333, 0.6941, 0.7647
CMYK	0.13, 0.00, 0.23, 0.69
HSL	93°, 13%, 27%
HSV	93°, 23%, 31%
XYZ	5.9239, 7.0040, 5.3146
YIQ	72.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

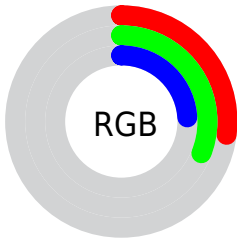
Format	Color
RYB	60, 78, 70
Decimal	4476476
CIELab	31.82, -7.86, 9.35
CIElCh	32, 12.216, 130.062
Yxy	7.0040, 0.3247, 0.3839
Android (android.graphics.Color)	4282666556 (0xFF444E3C)
YUV	72.9580, -6.3883, -4.3482
Hunter-Lab	26.4650, -6.3585, 6.6190

Details

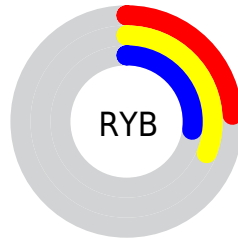
The YUV color **72.9580, -6.3883, -4.3482** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.0420, 6.3883, 4.3482**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4310, -7.1145, -4.7630**, and **29.4850, -5.6621, -3.9333** is the 20% darker color. If you saturate the color by 10%, you get **70.8500, -9.2930, -6.0074**, and if you desaturate by 10%, it is **75.0660, -3.4835, -2.6889**.

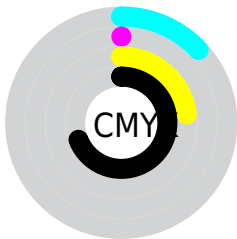
Distribution



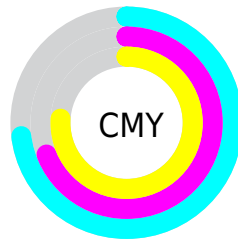
- Red (27%)
- Green (31%)
- Blue (24%)



- Red (24%)
- Yellow (31%)
- Blue (27%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (69%)



- Cyan (73%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9580, -6.3883, -4.3482 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 72.9580, -6.3883, -4.3482 by changing the saturation by 10% instead.

■ 72.9580, -6.3883,
-4.3482

■ 72.9580, -6.3883,
-4.3482

255.0000, 0.0000,
0.0000

■ 50.3710, -6.0989,
-3.8334

■ 121.4310, -7.1145,
-4.7630

■ 29.4850, -5.6621,
-3.9333

■ 147.4310, -7.1145,
-4.7630

■ 7.0440, -3.4727,
-6.1776

■ 174.0180, -7.4039,
-5.2778

■ 0.0000, 0.0000,
0.0000

■ 201.3170, -7.5513,
-4.6630

■ 229.2030, -7.9881,
-4.5630

■ 252.6210, -5.2362,

-0.5446

■ 72.9580, -6.3883,
-4.3482

■ 72.9580, -6.3883,
-4.3482

■ 70.8500, -9.2930,
-6.0074

■ 75.0660, -3.4835,
-2.6889

■ 68.4430, -12.0504,
-8.2815

■ 77.4730, -0.7262,
-0.4148

■ 66.4490, -14.5184,
-10.0408

■ 79.4670, 1.7418,
1.3444

■ 64.3410, -17.4231,
-11.7001

■ 81.5750, 4.6465,
3.0037

■ 61.9340, -20.1805,
-13.9741

■ 83.9820, 7.4039,
5.2778

■ 59.8260, -23.0852,
-15.6334

■ 86.0900, 10.3086,
6.9371

■ 57.7180, -25.9900,
-17.2927

■ 88.1980, 13.2134,
8.5964

■ 56.2510, -27.7317,
-18.6371

■ 90.4910, 15.5339,
10.9704

■ 92.5990, 18.4387,
12.6297

Harmonies

Analogous

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



74.0300, -8.8888, 4.3587



72.9580, -6.3883, -4.3482



71.7550, -1.8512, -12.9401

Triad

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



72.9580, -6.3883, -4.3482



73.1320, 9.7949, -15.0248



76.2300, -2.0854, 15.5843

Complementary

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



72.9580, -6.3883, -4.3482



65.0420, 6.3883, 4.3482

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.



76.7610, 2.5828, 11.6106



72.9580, -6.3883, -4.3482



75.0730, 9.3310, -6.2030

Square

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



72.9580, -6.3883, -4.3482



71.2300, 7.7746, -20.3727



75.8570, 6.9725, 3.6334



75.4920, -6.1586, 15.3545

Rectangle

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



72.9580, -6.3883, -4.3482



71.0580, 1.9434, -16.7139



75.8570, 6.9725, 3.6334



76.5720, -0.7750, 15.2844

Sweetspot

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



72.9580, -6.3883, -4.3482



100.0060, -2.4680, -1.7593



71.2520, -5.5472, 5.9180



49.9460, -1.4524, -0.8296



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.



72.9580, -6.3883, -4.3482



93.9100, -10.3086, -6.9371



70.6800, -4.7722, -9.3664



36.9460, -1.4524, -0.8296



73.3290, -36.1512, -24.8445



165.5080, -81.5954, -55.6965

Inverse Universe

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



65.0420, 6.3883, 4.3482



81.0900, 10.3086, 6.9371



67.3200, 4.7722, 9.3664



35.3530, 1.3050, 1.4444



28.6710, 36.1512, 24.8445



64.4920, 81.5954, 55.6965

Previews

White Background



This preview shows how the YUV color 72.9580, -6.3883, -4.3482 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 72.9580, -6.3883, -4.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

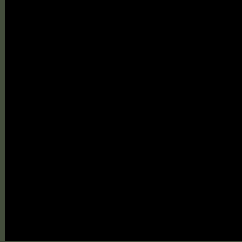
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9580, -6.3883, -4.3482

Background



This preview shows how black text looks on a background with the YUV color 72.9580, -6.3883, -4.3482.



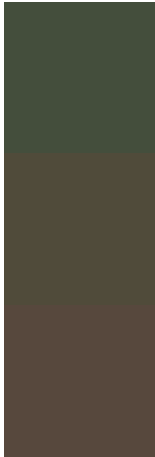
This preview shows how white text looks on a background with the YUV color 72.9580, -6.3883, -4.3482.

-4.3482.

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

72.9580, -6.3883, -4.3482

Protanopia

74.5570, -8.1626, 4.7735

Deuteranopia

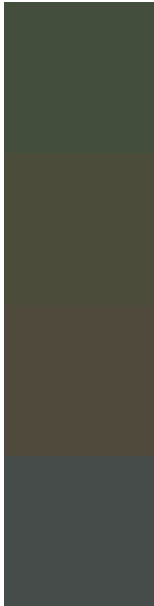
75.2310, -7.0159, 10.3214



Tritanopia

74.4880, 3.2104, -3.0590

Trichromacy



Original Color

72.9580, -6.3883, -4.3482

Protanomaly

74.0620, -7.4256, 1.6996

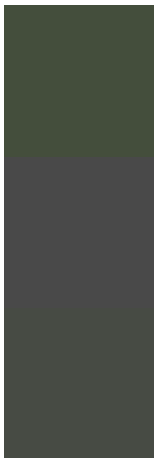
Deuteranomaly

74.3120, -6.5628, 4.9884

Tritanomaly

73.8640, -0.4260, -3.3887

Monochromacy



Original Color

72.9580, -6.3883, -4.3482

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0060, -2.4680, -1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9580, -6.3883, -4.3482 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(68, 78, 60)` looks like.

```
.text, #text, p{  
    color:rgb(68, 78, 60)  
}
```

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(68, 78, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 78, 60) }
```

Border

The CSS property to change the border of an element to YUV 72.9580, -6.3883, -4.3482 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(68, 78, 60) }
```


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

```
.border{ border-color:rgb(68, 78, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 78, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 78, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 78, 60);  
box-shadow:4px 4px 4px 4px rgb(68, 78, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.9580, -6.3883, -4.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 78, 60) }
```

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

```
.background{ background-color: rgb(68, 78,  
60) }
```

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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