

Converting Colors

YUV(83.5280, -4.2043, -4.8481)

Have a look what the booklet for
YUV(83.5280, -4.2043, -4.8481)
contains.

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Color

**YUV(83.5280, -4.2043,
-4.8481)**

Conversions

Conversions Part 1

Format	Color
Hex	4E584B
RGB	78, 88, 75
RGB Percent	31%, 35%, 29%
CMY	0.6941, 0.6549, 0.7059
CMYK	0.11, 0.00, 0.15, 0.65
HSL	106°, 8%, 32%
HSV	106°, 15%, 35%
XYZ	7.9016, 9.1071, 7.9980
YIQ	83.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

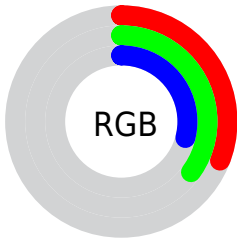
Format	Color
RYB	75, 88, 85
Decimal	5134411
CIELab	36.19, -6.74, 6.22
CIElCh	36, 9.170, 137.268
Yxy	9.1071, 0.3160, 0.3642
Android (android.graphics.Color)	4283324491 (0xFF4E584B)
YUV	83.5280, -4.2043, -4.8481
Hunter-Lab	30.1781, -6.0744, 5.4112

Details

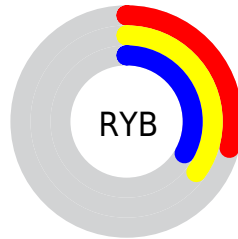
The YUV color **83.5280, -4.2043, -4.8481** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79.4720, 4.2043, 4.8481**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1150, -4.4937, -5.3629**, and **38.9410, -3.9149, -4.3333** is the 20% darker color. If you saturate the color by 10%, you get **80.4090, -7.1036, -8.2517**, and if you desaturate by 10%, it is **86.6470, -1.3050, -1.4444**.

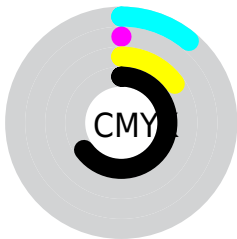
Distribution



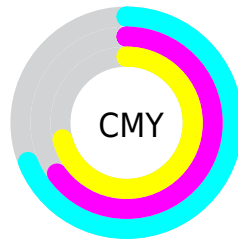
- Red (31%)
- Green (35%)
- Blue (29%)



- Red (29%)
- Yellow (35%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (65%)



- Cyan (69%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5280, -4.2043, -4.8481 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 83.5280, -4.2043, -4.8481 by changing the saturation by 10% instead.

■ 83.5280, -4.2043,
-4.8481

■ 83.5280, -4.2043,
-4.8481

255.0000, 0.0000,
0.0000

■ 60.5280, -4.2043,
-4.8481

■ 133.1150, -4.4937,
-5.3629

■ 38.9410, -3.9149,
-4.3333

■ 159.1150, -4.4937,
-5.3629

■ 17.3000, -5.0779,
-4.6481

■ 186.0010, -4.9305,
-5.2629

■ 0.0000, 0.0000,
0.0000

■ 213.7020, -4.7831,
-5.8777

■ 242.5880, -5.2199,
-5.7777

■ 83.5280, -4.2043,
-4.8481

■ 83.5280, -4.2043,
-4.8481

■ 80.4090, -7.1036,
-8.2517

■ 86.6470, -1.3050,
-1.4444

■ 77.2900, -10.0030,
-11.6553

■ 89.7660, 1.5944,
1.9592

■ 74.5840, -12.6129,
-14.5442

■ 92.4720, 4.2043,
4.8481

■ 71.4650, -15.5122,
-17.9478

■ 95.5910, 7.1036,
8.2517

■ 68.3460, -18.4116,
-21.3514

■ 98.7100, 10.0030,
11.6553

■ 65.2270, -21.3109,
-24.7551

■ 101.8290, 12.9023,
15.0590

■ 62.4070, -24.3577,
-27.5439

■ 104.6490, 15.9490,
17.8478

■ 59.4020, -26.8202,

■ 107.6540, 18.4116,

-31.0476

21.3514

■ 57.6360, -28.4145,
-33.0068

■ 110.7730, 21.3109,
24.7551

Harmonies

Analogous

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



84.2900, -6.5520, 1.4997



83.5280, -4.2043, -4.8481



82.8200, -0.4043, -10.3661

Triad

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



83.5280, -4.2043, -4.8481



84.1820, 7.3053, -9.8066



86.3930, -2.6587, 12.8103

Complementary

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



83.5280, -4.2043, -4.8481



79.4720, 4.2043, 4.8481

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.



86.4080, 1.2779, 10.1662



83.5280, -4.2043, -4.8481



85.4110, 6.6994, -2.1144

Square

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



83.5280, -4.2043, -4.8481



83.2200, 6.3005, -14.2249



86.4720, 4.2043, 4.8481



85.6980, -5.2741, 11.6659

Rectangle

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



83.5280, -4.2043, -4.8481



82.1940, 2.3694, -13.3251



86.4720, 4.2043, 4.8481



86.4360, -1.2009, 11.8956

Sweetspot

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



83.5280, -4.2043, -4.8481



113.2340, -1.5944, -1.9592



84.7570, -4.8102, 2.8441



57.7610, -0.8682, -1.5444



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



83.5280, -4.2043, -4.8481



107.8220, -6.8142, -7.7369



82.9730, -2.4517, -6.9923



41.6470, -1.3050, -1.4444



70.2840, -34.6500, -39.7141



154.0910, -75.9669, -87.7798

Inverse Universe

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



79.4720, 4.2043, 4.8481



101.1780, 6.8142, 7.7369



80.0270, 2.4517, 6.9923



40.3530, 1.3050, 1.4444



36.7160, 34.6500, 39.7141



80.6100, 76.1143, 87.1650

Previews

White Background



This preview shows how the YUV color 83.5280, -4.2043, -4.8481 looks on a white background.

Color Contrast Check

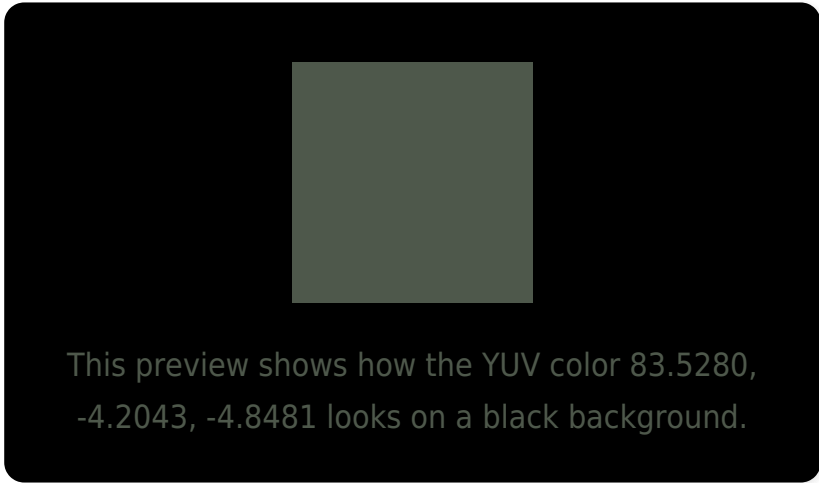
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.5280, -4.2043, -4.8481

Background



This preview shows how black text looks on a background with the YUV color 83.5280, -4.2043, -4.8481.



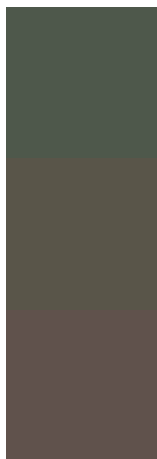
This preview shows how white text looks on a background with the YUV color 83.5280, -4.2043,

-4.8481.

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

83.5280, -4.2043, -4.8481

Protanopia

84.8280, -5.8312, 3.6588

Deuteranopia

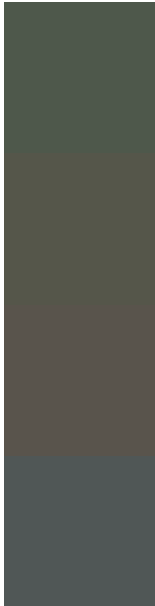
85.5020, -4.6845, 9.2067



Tritanopia

85.1890, 3.3578, -3.6738

Trichromacy



Original Color

83.5280, -4.2043, -4.8481

Protanomaly

84.3330, -5.0942, 0.5850

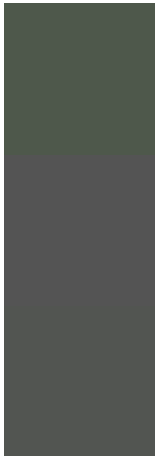
Deuteranomaly

84.5830, -4.2314, 3.8737

Tritanomaly

84.7930, 0.5951, -4.2035

Monochromacy



Original Color

83.5280, -4.2043, -4.8481

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.6470, -1.3050, -1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5280, -4.2043, -4.8481 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(78, 88, 75)` looks like.

```
.text, #text, p{  
    color:rgb(78, 88, 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(78, 88, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 88, 75) }
```

Border

The CSS property to change the border of an element to YUV 83.5280, -4.2043, -4.8481 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(78, 88, 75) }
```


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

```
.border{ border-color:rgb(78, 88, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 88, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 88, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 88, 75);  
box-shadow:4px 4px 4px 4px rgb(78, 88, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.5280, -4.2043, -4.8481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 88, 75) }
```

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

```
.background{ background-color: rgb(78, 88,  
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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