

Converting Colors

YUV(82.6590, -6.2409, -4.9629)

Have a look what the booklet for
YUV(82.6590, -6.2409, -4.9629)
contains.

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Color

**YUV(82.6590, -6.2409,
-4.9629)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4D5846 |
| RGB | 77, 88, 70 |
| RGB Percent | 30%, 35%, 27% |
| CMY | 0.6980, 0.6549, 0.7255 |
| CMYK | 0.12, 0.00, 0.20, 0.65 |
| HSL | 97°, 11%, 31% |
| HSV | 97°, 20%, 35% |
| XYZ | 7.6558, 8.9994, 7.1279 |
| YIQ | 82.6590, -0.7780, -7.9300 |

Conversions

Conversions Part 2

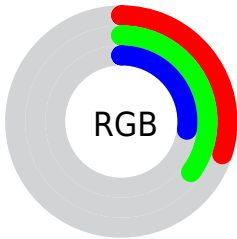
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 70, 88, 81 |
| Decimal | 5068870 |
| CIE Lab | 35.98, -8.13, 9.02 |
| CIE LCh | 36, 12.145, 132.033 |
| Yxy | 8.9994, 0.3219, 0.3784 |
| Android (android.graphics.Color) | 4283258950 (0xFF4D5846) |
| YUV | 82.6590, -6.2409, -4.9629 |
| Hunter-Lab | 29.9990, -6.9450, 6.9117 |

Details

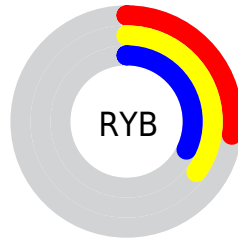
The YUV color **82.6590, -6.2409, -4.9629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75.3410, 6.2409, 4.9629**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1320, -6.9671, -5.3778**, and **38.1860, -5.5147, -4.5481** is the 20% darker color. If you saturate the color by 10%, you get **80.1380, -9.4350, -7.1370**, and if you desaturate by 10%, it is **85.1800, -3.0467, -2.7889**.

Distribution



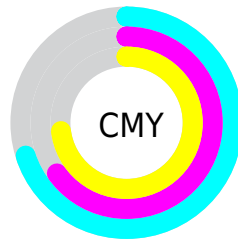
- Red (30%)
- Green (35%)
- Blue (27%)



- Red (27%)
- Yellow (35%)
- Blue (32%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6590, -6.2409, -4.9629 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 82.6590, -6.2409, -4.9629 by changing the saturation by 10% instead.

■ 82.6590, -6.2409,
-4.9629

■ 82.6590, -6.2409,
-4.9629

255.0000, 0.0000,
0.0000

■ 59.7730, -5.8041,
-5.0629

■ 132.1320, -6.9671,
-5.3778

■ 38.1860, -5.5147,
-4.5481

■ 158.1320, -6.9671,
-5.3778

■ 16.2030, -7.9881,
-4.5630

■ 185.0180, -7.4039,
-5.2778

■ 0.0000, 0.0000,
0.0000

■ 212.7190, -7.2565,
-5.8926

■ 241.6050, -7.6933,
-5.7926

254.8860, -0.4368,

0.1000

■ 82.6590, -6.2409,
-4.9629

■ 82.6590, -6.2409,
-4.9629

■ 80.1380, -9.4350,
-7.1370

■ 85.1800, -3.0467,
-2.7889

■ 77.3180, -12.4818,
-9.9259

■ 88.0000, 0.0000,
0.0000

■ 74.9110, -15.2391,
-12.1999

■ 90.4070, 2.7573,
2.2741

■ 72.0910, -18.2859,
-14.9888

■ 93.2270, 5.8041,
5.0629

■ 69.5700, -21.4800,
-17.1629

■ 95.7480, 8.9982,
7.2370

■ 67.0490, -24.6742,
-19.3370

■ 98.2690, 12.1924,
9.4111

■ 64.2290, -27.7209,
-22.1258

■ 101.0890, 15.2391,
12.1999

■ 61.8220, -30.4782,
-24.3999

■ 103.4960, 17.9965,
14.4740

■ 106.0170, 21.1906,
16.6481

Harmonies

Analogous

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



83.7310, -8.7414, 3.7439



82.6590, -6.2409, -4.9629



81.4560, -1.7038, -13.5549

Triad

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



82.6590, -6.2409, -4.9629



82.5450, 10.0843, -14.5100



86.4150, -2.6696, 16.2990

Complementary

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



82.6590, -6.2409, -4.9629



75.3410, 6.2409, 4.9629

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.



86.0600, 2.4354, 12.2254



82.6590, -6.2409, -4.9629



84.6710, 9.0362, -4.9735

Square

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



82.6590, -6.2409, -4.9629



80.9420, 7.9166, -19.2431



86.0420, 6.3883, 4.3482



85.3780, -6.5954, 15.4545

Rectangle

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



82.6590, -6.2409, -4.9629



80.7590, 2.0908, -17.3286



86.0420, 6.3883, 4.3482



86.4580, -1.2118, 15.3843

Sweetspot

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



82.6590, -6.2409, -4.9629



113.0060, -2.4680, -1.7593



81.8390, -5.8366, 5.4032



57.6470, -1.3050, -1.4444



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.



82.6590, -6.2409, -4.9629



106.3120, -10.0138, -8.1666



80.7940, -4.3354, -9.4663



41.9460, -1.4524, -0.8296



75.3670, -37.1559, -29.2629



165.1540, -81.4209, -65.0331

Inverse Universe

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



75.3410, 6.2409, 4.9629



94.6880, 10.0138, 8.1666



77.2060, 4.3354, 9.4663



40.3530, 1.3050, 1.4444



31.6330, 37.1559, 29.2629



69.5470, 81.5683, 64.4183

Previews

White Background



This preview shows how the YUV color 82.6590, -6.2409, -4.9629 looks on a white background.

Color Contrast Check

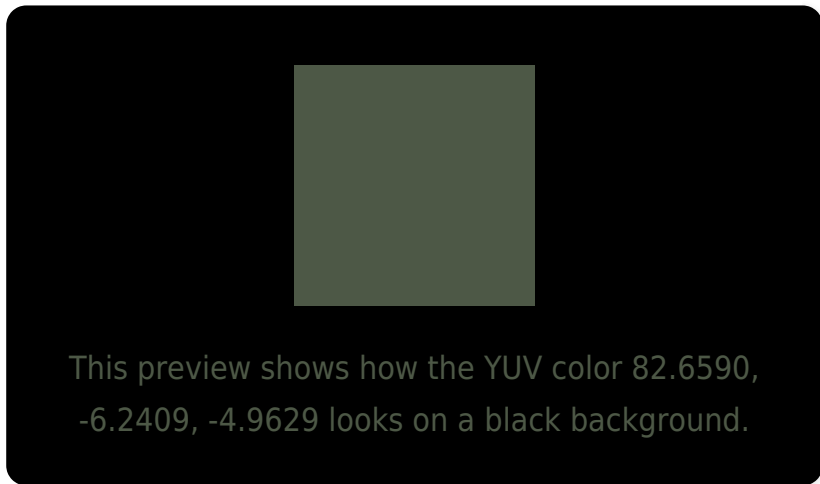
Large Text (above 18pt) WCAG AA ✓ Pass

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

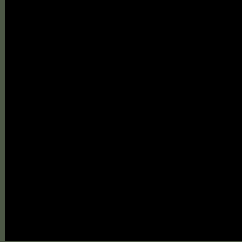
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6590, -6.2409, -4.9629

Background



This preview shows how black text looks on a background with the YUV color 82.6590, -6.2409, -4.9629.



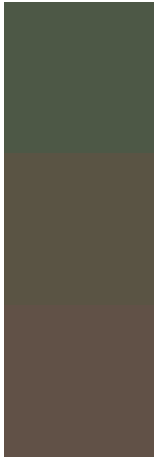
This preview shows how white text looks on a background with the YUV color 82.6590, -6.2409, -4.9629.

-4.9629.

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

82.6590, -6.2409, -4.9629

Protanopia

83.9700, -7.8732, 5.2883

Deuteranopia

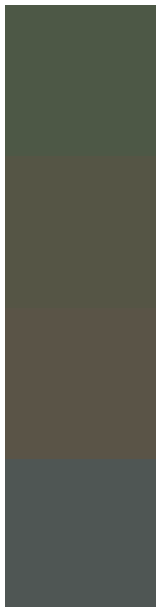
84.6440, -6.7265, 10.8362



Tritanopia

84.3030, 3.7946, -3.7737

Trichromacy



Original Color

82.6590, -6.2409, -4.9629

Protanomaly

83.1760, -6.9888, 1.5996

Deuteranomaly

84.3120, -6.5628, 4.9884

Tritanomaly

83.6790, 0.1583, -4.1035

Monochromacy



Original Color

82.6590, -6.2409, -4.9629

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0060, -2.4680, -1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6590, -6.2409, -4.9629 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, 88, 70)` looks like.

```
.text, #text, p{  
    color:rgb(77, 88, 70)  
}
```

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, 88, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 88, 70) }
```

Border

The CSS property to change the border of an element to YUV 82.6590, -6.2409, -4.9629 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, 88, 70) }
```


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

```
.border{ border-color:rgb(77, 88, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 88, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 88, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 88, 70);  
box-shadow:4px 4px 4px 4px rgb(77, 88, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.6590, -6.2409, -4.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 88, 70) }
```

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

```
.background{ background-color: rgb(77, 88,  
70) }
```

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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