

Converting Colors

YUV(82.4740, -5.6567, -5.6777)

Have a look what the booklet for
YUV(82.4740, -5.6567, -5.6777)
contains.

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Color

**YUV(82.4740, -5.6567,
-5.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5847
RGB	76, 88, 71
RGB Percent	30%, 35%, 28%
CMY	0.7020, 0.6549, 0.7216
CMYK	0.14, 0.00, 0.19, 0.65
HSL	102°, 11%, 31%
HSV	102°, 19%, 35%
XYZ	7.6075, 8.9709, 7.2918
YIQ	82.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

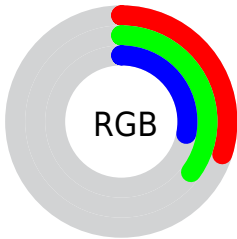
Format	Color
R_{YB}	71, 88, 83
Decimal	5003335
CIE Lab	35.93, -8.35, 8.31
CIE LCh	36, 11.782, 135.125
Yxy	8.9709, 0.3187, 0.3758
Android (android.graphics.Color)	4283193415 (0xFF4C5847)
YUV	82.4740, -5.6567, -5.6777
Hunter-Lab	29.9514, -7.0767, 6.5315

Details

The YUV color **82.4740, -5.6567, -5.6777** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.5260, 5.6567, 5.6777**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9470, -6.3829, -6.0925**, and **38.0010, -4.9305, -5.2629** is the 20% darker color. If you saturate the color by 10%, you get **79.6540, -8.7034, -8.4666**, and if you desaturate by 10%, it is **85.2940, -2.6099, -2.8888**.

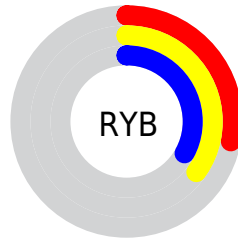
Distribution



 Red (30%)

 Green (35%)

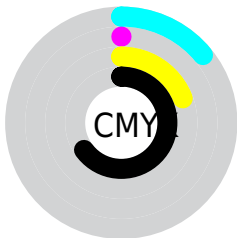
 Blue (28%)




 Red (28%)

 Yellow (35%)

 Blue (33%)

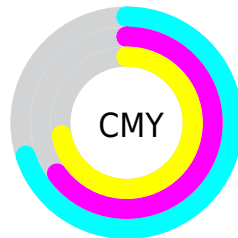


 Cyan (14%)

 Magenta (0%)

 Yellow (19%)

 Black (65%)



 Cyan (70%)

 Magenta (65%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.4740, -5.6567, -5.6777 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 82.4740, -5.6567, -5.6777 by changing the saturation by 10% instead.

■ 82.4740, -5.6567,
-5.6777

■ 82.4740, -5.6567,
-5.6777

255.0000, 0.0000,
0.0000

■ 59.5880, -5.2199,
-5.7777

■ 131.9470, -6.3829,
-6.0925

■ 38.0010, -4.9305,
-5.2629

■ 157.9470, -6.3829,
-6.0925

■ 16.3060, -7.5459,
-6.4074

■ 184.9470, -6.3829,
-6.0925

■ 0.0000, 0.0000,
0.0000

■ 212.5340, -6.6723,
-6.6073

■ 241.1210, -6.9617,
-7.1221

■ 82.4740, -5.6567,
-5.6777

■ 82.4740, -5.6567,
-5.6777

■ 79.6540, -8.7034,
-8.4666

■ 85.2940, -2.6099,
-2.8888

■ 76.8340, -11.7502,
-11.2554

■ 88.1140, 0.4368,
-0.1000

■ 73.8290, -14.2127,
-14.7590

■ 91.1190, 2.8993,
3.4036

■ 71.0090, -17.2594,
-17.5479

■ 93.9390, 5.9461,
6.1925

■ 68.1890, -20.3062,
-20.3368

■ 96.7590, 8.9928,
8.9814

■ 65.3690, -23.3529,
-23.1256

■ 99.5790, 12.0396,
11.7702

■ 62.5490, -26.3997,
-25.9145

■ 102.3990, 15.0863,
14.5591

■ 59.5440, -28.8622,

■ 105.4040, 17.5488,

-29.4181

18.0627

■ 59.4300, -29.2990,
-29.3181

■ 108.2240, 20.5956,
20.8516

Harmonies

Analogous

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



83.4320, -8.5940, 3.1291



82.4740, -5.6567, -5.6777



81.5700, -1.2670, -13.6549

Triad

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



82.4740, -5.6567, -5.6777



83.0290, 9.3527, -13.1804



86.0020, -2.9590, 15.7842

Complementary

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



82.4740, -5.6567, -5.6777



76.5260, 5.6567, 5.6777

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.



86.2450, 1.8512, 12.9401



82.4740, -5.6567, -5.6777



84.9700, 8.8888, -4.3587

Square

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



82.4740, -5.6567, -5.6777



81.3550, 8.2060, -18.7283



86.2270, 5.8041, 5.0629



85.0790, -6.4479, 14.8397

Rectangle

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



82.4740, -5.6567, -5.6777



80.8730, 2.5276, -17.4286



86.2270, 5.8041, 5.0629



86.3440, -1.6486, 15.4843

Sweetspot

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



82.4740, -5.6567, -5.6777



112.7070, -2.3206, -2.3740



83.1270, -5.9786, 4.2736



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.



82.4740, -5.6567, -5.6777



106.2410, -8.9928, -8.9814



81.3210, -3.6093, -9.0515



41.6470, -1.3050, -1.4444



72.3770, -35.6819, -35.4106



158.5760, -78.1780, -78.5582

Inverse Universe

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



76.5260, 5.6567, 5.6777



96.7590, 8.9928, 8.9814



77.6790, 3.6093, 9.0515



40.3530, 1.3050, 1.4444



34.9220, 35.5345, 36.0254



76.4240, 78.1780, 78.5582

Previews

White Background



This preview shows how the YUV color 82.4740, -5.6567, -5.6777 looks on a white background.

Color Contrast Check

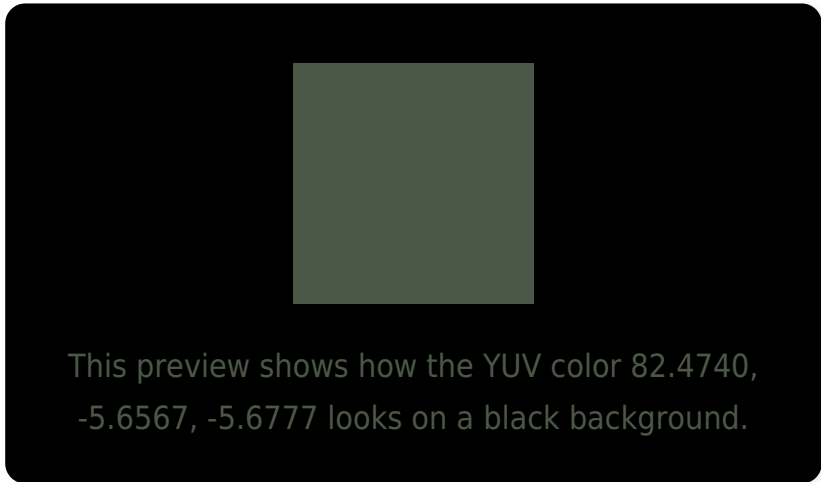
Large Text (above 18pt) WCAG AA ✓ Pass

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

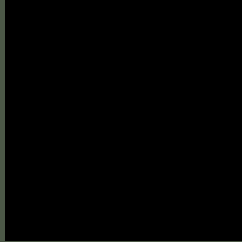
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.4740, -5.6567, -5.6777

Background



This preview shows how black text looks on a background with the YUV color 82.4740, -5.6567, -5.6777.



This preview shows how white text looks on a background with the YUV color 82.4740, -5.6567, -5.6777.

-5.6777.

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

82.4740, -5.6567, -5.6777

Protanopia

83.7850, -7.2890, 4.5736

Deuteranopia

84.7580, -6.2897, 10.7362



Tritanopia

84.0040, 3.9420, -4.3885

Trichromacy



Original Color

82.4740, -5.6567, -5.6777

Protanomaly

82.9910, -6.4046, 0.8849

Deuteranomaly

84.1270, -5.9786, 4.2736

Tritanomaly

83.3800, 0.3057, -4.7183

Monochromacy



Original Color

82.4740, -5.6567, -5.6777

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4740, -5.6567, -5.6777 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(76, 88, 71)` looks like.

```
.text, #text, p{  
    color:rgb(76, 88, 71)  
}
```

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(76, 88, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 88, 71) }
```

Border

The CSS property to change the border of an element to YUV 82.4740, -5.6567, -5.6777 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(76, 88, 71) }
```


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

```
.border{ border-color:rgb(76, 88, 71) }
```

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

Here you see how a box with a 4 pixel rgb(76, 88, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 88, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 88, 71);  
box-shadow:4px 4px 4px 4px rgb(76, 88, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.4740, -5.6567, -5.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 88, 71) }
```

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

```
.background{ background-color: rgb(76, 88,  
71) }
```

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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