

Converting Colors

YUV(85.1480, -11.4120,
-26.4398)

Have a look what the booklet for
YUV(85.1480, -11.4120, -26.4398)
contains.

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Color

**YUV(85.1480, -11.4120,
-26.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	37693E
RGB	55, 105, 62
RGB Percent	22%, 41%, 24%
CMY	0.7843, 0.5882, 0.7569
CMYK	0.48, 0.00, 0.41, 0.59
HSL	128°, 31%, 31%
HSV	128°, 48%, 41%
XYZ	7.4966, 11.2632, 6.3363
YIQ	85.1480, -15.9970, -23.9730

Conversions

Conversions Part 2

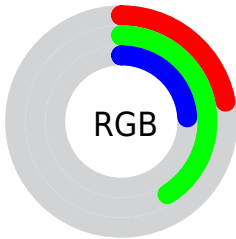
Format	Color
RYB	55, 99, 105
Decimal	3631422
CIELab	40.02, -27.04, 19.08
CIELCh	40, 33.095, 144.788
Yxy	11.2632, 0.2987, 0.4488
Android (android.graphics.Color)	4281821502 (0xFF37693E)
YUV	85.1480, -11.4120, -26.4398
Hunter-Lab	33.5607, -18.8586, 12.2984

Details

The YUV color **85.1480, -11.4120, -26.4398** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **74.8520, 11.4120, 26.4398**, and the grayscale version is **85.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **136.0940, -12.8643, -27.2694**, and **36.1090, -8.9277, -29.9136** is the 20% darker color. If you saturate the color by 10%, you get **81.1320, -13.8691, -31.6878**, and if you desaturate by 10%, it is **89.4630, -9.1023, -20.5771**.

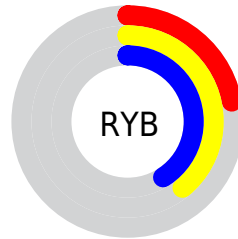
Distribution



 Red (22%)

 Green (41%)

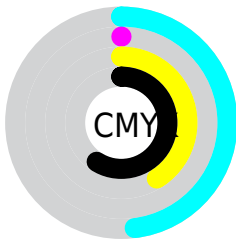
 Blue (24%)




 Red (22%)

 Yellow (39%)

 Blue (41%)

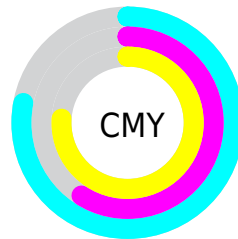


 Cyan (48%)


 Magenta (0%)

 Yellow (41%)

 Black (59%)



 Cyan (78%)

 Magenta (59%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1480, -11.4120, -26.4398 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 85.1480, -11.4120, -26.4398 by changing the saturation by 10% instead.

85.1480, -11.4120,
-26.4398

85.1480, -11.4120,
-26.4398

255.0000, 0.0000,
0.0000

61.0770, -10.3910,
-27.2545

136.0940,
-12.8643, -27.2694

36.1090, -8.9277,
-29.9136

162.6810,
-13.1537, -27.7842

21.1320, -10.4181,
-18.5328

190.1540,
-13.8799, -28.1991

0.0000, 0.0000,
0.0000

217.7410,
-14.1693, -28.7139

238.1100,
-10.4072, -22.0215

249.9730, -2.4517,

-6.9923

■ 85.1480, -11.4120,
-26.4398

■ 85.1480, -11.4120,
-26.4398

■ 81.1320, -13.8691,
-31.6878

■ 89.4630, -9.1023,
-20.5771

■ 76.8170, -16.1788,
-37.5505

■ 93.4790, -6.6451,
-15.3291

■ 72.5020, -18.4885,
-43.4133

■ 97.7940, -4.3354,
-9.4663

■ 68.4860, -20.9456,
-48.6612

■ 101.8100, -1.8783,
-4.2184

■ 64.4700, -23.4027,
-53.9092

■ 106.1250, 0.4314,
1.6444

■ 63.3450, -23.8341,
-55.5536

■ 110.1410, 2.8885,
6.8923

■ 114.4560, 5.1982,
12.7551

■ 118.4720, 7.6553,
18.0031

■ 122.7870, 9.9650,
23.8658

Harmonies

Analogous

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



89.3270, -22.8392, -1.1638



85.1480, -11.4120, -26.4398



73.5420, 7.6208, -64.4963

Triad

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



85.1480, -11.4120, -26.4398



84.2540, 31.4268, -46.7038



94.5280, -10.6133, 44.2639

Complementary

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



85.1480, -11.4120, -26.4398



74.8520, 11.4120, 26.4398

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.



96.1220, 1.9119, 40.2350



85.1480, -11.4120, -26.4398



95.1560, 23.5871, -5.3988

Square

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



85.1480, -11.4120, -26.4398



77.3670, 29.8921, -67.8509



97.5140, 14.0436, 22.3512



93.4270, -20.9165, 35.5825

Rectangle

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



85.1480, -11.4120, -26.4398



75.5940, 15.4832, -66.2959



97.5140, 14.0436, 22.3512



94.9670, -6.3927, 43.8789

Sweetspot

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



85.1480, -11.4120, -26.4398



130.0820, -4.4774, -10.5959



97.2070, -20.8081, 0.6955



64.2720, -2.5991, -6.3775



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



85.1480, -11.4120, -26.4398



106.6270, -18.0571, -41.7689



87.9980, -0.4920, -28.9392



51.6360, -1.2995, -3.1888



70.5030, -26.8700, -61.8311



147.6910, -56.0497, -129.5250

Inverse Universe

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



74.8520, 11.4120, 26.4398



90.3730, 18.0571, 41.7689



72.0020, 0.4920, 28.9392



50.3640, 1.2995, 3.1888



46.4970, 26.8700, 61.8311



97.3090, 56.0497, 129.5250

Previews

White Background



This preview shows how the YUV color 85.1480, -11.4120, -26.4398 looks on a white background.

Color Contrast Check

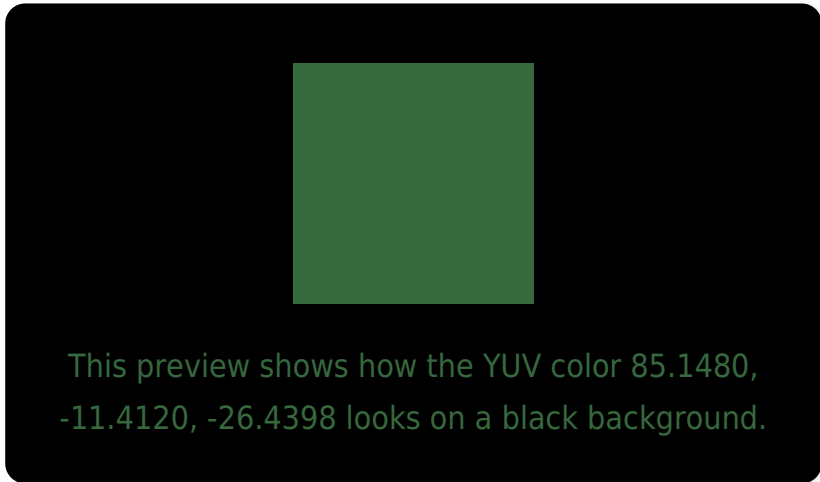
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 85.1480, -11.4120, -26.4398

Background



This preview shows how black text looks on a background with the YUV color 85.1480, -11.4120, -26.4398.



This preview shows how white text looks on a background with the YUV color 85.1480, -11.4120,

-26.4398.

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

85.1480, -11.4120, -26.4398

Protanopia

92.5870, -17.0514, 9.1322

Deuteranopia

93.8420, -13.7261, 15.9246



Tritanopia

90.4470, 8.6536, -22.3170

Trichromacy



Original Color

85.1480, -11.4120, -26.4398

Protanomaly

89.9660, -15.2662, -3.4782

Deuteranomaly

90.3840, -12.5143, 0.5402

Tritanomaly

88.4870, 1.2389, -24.1061

Monochromacy



Original Color

85.1480, -11.4120, -26.4398

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9080, -3.8986, -9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1480, -11.4120, -26.4398 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(55, 105, 62)` looks like.

```
.text, #text, p{  
    color:rgb(55, 105, 62)  
}
```

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(55, 105, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 105, 62) }
```

Border

The CSS property to change the border of an element to YUV 85.1480, -11.4120, -26.4398 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(55, 105, 62) }
```


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

```
.border{ border-color:rgb(55, 105, 62) }
```

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

Here you see how a box with a 4 pixel rgb(55, 105, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 105, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 105, 62);  
box-shadow:4px 4px 4px 4px rgb(55, 105,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 85.1480, -11.4120, -26.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 105, 62) }
```

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

```
.background{ background-color: rgb(55, 105,  
62) }
```

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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