

Converting Colors

YUV(83.9740, -10.8332,
-25.4102)

Have a look what the booklet for
YUV(83.9740, -10.8332, -25.4102)
contains.

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Color

**YUV(83.9740, -10.8332,
-25.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	37673E
RGB	55, 103, 62
RGB Percent	22%, 40%, 24%
CMY	0.7843, 0.5961, 0.7569
CMYK	0.47, 0.00, 0.40, 0.60
HSL	129°, 30%, 31%
HSV	129°, 47%, 40%
XYZ	7.2953, 10.8605, 6.2692
YIQ	83.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

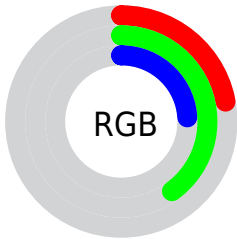
Format	Color
RYB	55, 97, 103
Decimal	3630910
CIELab	39.34, -26.06, 18.19
CIELCh	39, 31.785, 145.085
Yxy	10.8605, 0.2987, 0.4446
Android (android.graphics.Color)	4281820990 (0xFF37673E)
YUV	83.9740, -10.8332, -25.4102
Hunter-Lab	32.9553, -18.1573, 11.7897

Details

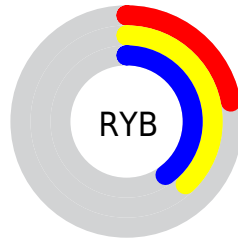
The YUV color $83.9740, -10.8332, -25.4102$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $74.0260, 10.8332, 25.4102$, and the grayscale version is $84.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $134.9200, -12.2856, -26.2398$, and $35.3480, -8.0596, -28.3692$ is the 20% darker color. If you saturate the color by 10%, you get $79.9580, -13.2903, -30.6582$, and if you desaturate by 10%, it is $87.9900, -8.3761, -20.1622$.

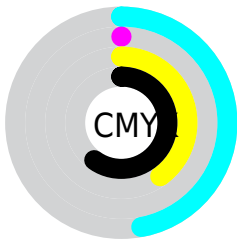
Distribution



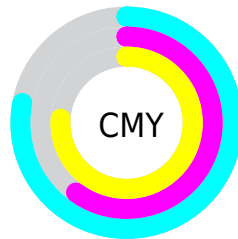
- Red (22%)
- Green (40%)
- Blue (24%)



- Red (22%)
- Yellow (38%)
- Blue (40%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)
- Black (60%)



- Cyan (78%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9740, -10.8332, -25.4102 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 83.9740, -10.8332, -25.4102 by changing the saturation by 10% instead.

■ 83.9740, -10.8332,
-25.4102

■ 83.9740, -10.8332,
-25.4102

255.0000, 0.0000,
0.0000

■ 59.9030, -9.8122,
-26.2249

■ 134.9200,
-12.2856, -26.2398

■ 35.3480, -8.0596,
-28.3692

■ 161.3930,
-13.0117, -26.6547

■ 19.9580, -9.8393,
-17.5032

■ 188.0940,
-12.8643, -27.2694

■ 0.0000, 0.0000,
0.0000

■ 216.5670,
-13.5905, -27.6843

■ 238.1100,
-10.4072, -22.0215

■ 249.9730, -2.4517,

-6.9923

■ 83.9740, -10.8332,
-25.4102

■ 83.9740, -10.8332,
-25.4102

■ 79.9580, -13.2903,
-30.6582

■ 87.9900, -8.3761,
-20.1622

■ 75.6430, -15.6000,
-36.5209

■ 92.3050, -6.0664,
-14.2995

■ 71.7410, -17.6203,
-41.8689

■ 96.2070, -4.0461,
-8.9515

■ 67.7250, -20.0774,
-47.1168

■ 100.2230, -1.5889,
-3.7036

■ 63.7090, -22.5345,
-52.3648

■ 104.5380, 0.7208,
2.1592

■ 62.1710, -23.2553,
-54.5240

■ 108.5540, 3.1779,
7.4071

■ 112.5700, 5.6350,
12.6551

■ 116.4720, 7.6553,
18.0031

■ 120.7870, 9.9650,
23.8658

Harmonies

Analogous

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



88.2560, -21.8182, -1.9785



83.9740, -10.8332, -25.4102



72.1400, 7.3260, -63.2668

Triad

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



83.9740, -10.8332, -25.4102



83.8200, 29.6687, -42.8151



93.2180, -10.4605, 41.9048

Complementary

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



83.9740, -10.8332, -25.4102



74.0260, 10.8332, 25.4102

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.



94.1110, 1.9173, 38.4907



83.9740, -10.8332, -25.4102



93.9280, 22.7135, -5.1989

Square

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



83.9740, -10.8332, -25.4102



75.7370, 28.7237, -66.4213



95.9870, 13.3174, 21.9364



91.9430, -20.1849, 34.2530

Rectangle

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



83.9740, -10.8332, -25.4102



74.1920, 15.1883, -65.0664



95.9870, 13.3174, 21.9364



93.3690, -6.0979, 42.6494

Sweetspot

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



83.9740, -10.8332, -25.4102



127.4950, -4.1880, -10.0811



95.7340, -20.0819, 1.1103



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.



83.9740, -10.8332, -25.4102



104.9800, -16.7521, -40.3245



86.5960, -0.7868, -27.7097



49.0490, -1.0102, -2.6740



69.4430, -25.8544, -60.9015



146.0440, -54.7447, -128.0806

Inverse Universe

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



74.0260, 10.8332, 25.4102



89.1340, 17.1889, 40.2245



71.4040, 0.7868, 27.7097



47.9510, 1.0102, 2.6740



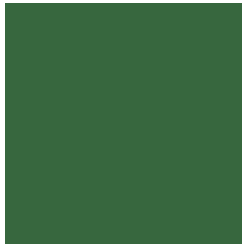
45.5570, 25.8544, 60.9015



95.9560, 54.7447, 128.0806

Previews

White Background



This preview shows how the YUV color 83.9740, -10.8332, -25.4102 looks on a white background.

Color Contrast Check

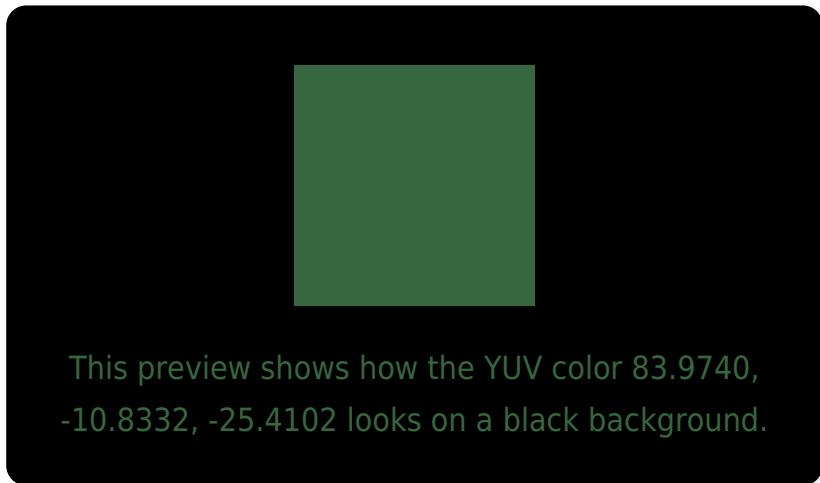
Large Text (above 18pt) WCAG AA ✓ Pass

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

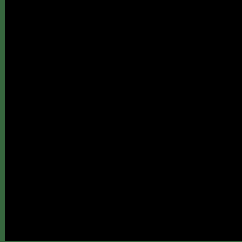
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9740, -10.8332, -25.4102

Background



This preview shows how black text looks on a background with the YUV color 83.9740, -10.8332, -25.4102.



This preview shows how white text looks on a background with the YUV color 83.9740, -10.8332, -25.4102.

-25.4102.

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

83.9740, -10.8332, -25.4102

Protanopia

90.8150, -16.1778, 8.9322

Deuteranopia

91.9560, -13.2893, 15.8246



Tritanopia

89.0450, 8.3588, -21.0875

Trichromacy



Original Color

83.9740, -10.8332, -25.4102

Protanomaly

88.1940, -14.3926, -3.6781

Deuteranomaly

88.7970, -12.2249, 1.0550

Tritanomaly

87.1990, 1.3809, -22.9765

Monochromacy



Original Color

83.9740, -10.8332, -25.4102

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9080, -3.8986, -9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9740, -10.8332, -25.4102 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, 103, 62)` looks like.

```
.text, #text, p{  
    color:rgb(55, 103, 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, 103, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 103, 62) }
```

Border

The CSS property to change the border of an element to YUV 83.9740, -10.8332, -25.4102 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, 103, 62) }
```


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

```
.border{ border-color:rgb(55, 103, 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, 103, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 103, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 103, 62);  
box-shadow:4px 4px 4px 4px rgb(55, 103,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 83.9740, -10.8332, -25.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 103, 62) }
```

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

```
.background{ background-color: rgb(55, 103,  
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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