

Converting Colors

YUV(90.3780, -13.4974,
-10.8555)

Have a look what the booklet for
YUV(90.3780, -13.4974, -10.8555)
contains.

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Color

**YUV(90.3780, -13.4974,
-10.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	4E663F
RGB	78, 102, 63
RGB Percent	31%, 40%, 25%
CMY	0.6941, 0.6000, 0.7529
CMYK	0.24, 0.00, 0.38, 0.60
HSL	97°, 24%, 32%
HSV	97°, 38%, 40%
XYZ	8.7905, 11.4813, 6.4554
YIQ	90.3780, -1.7850, -17.2170

Conversions

Conversions Part 2

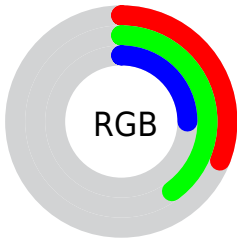
Format	Color
RYB	63, 102, 87
Decimal	5137983
CIELab	40.38, -16.90, 19.22
CIELCh	40, 25.594, 131.327
Yxy	11.4813, 0.3289, 0.4296
Android (android.graphics.Color)	4283328063 (0xFF4E663F)
YUV	90.3780, -13.4974, -10.8555
Hunter-Lab	33.8841, -12.9894, 12.4232

Details

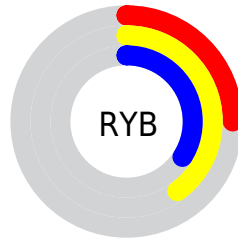
The YUV color **90.3780, -13.4974, -10.8555** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **74.6220, 13.4974, 10.8555**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7370, -14.6603, -11.1703**, and **44.0190, -12.3344, -10.5407** is the 20% darker color. If you saturate the color by 10%, you get **87.4440, -16.9809, -13.5444**, and if you desaturate by 10%, it is **93.3120, -10.0138, -8.1666**.

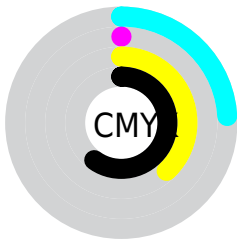
Distribution



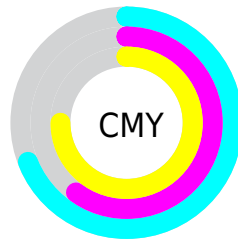
- Red (31%)
- Green (40%)
- Blue (25%)



- Red (25%)
- Yellow (40%)
- Blue (34%)



- Cyan (24%)
- Magenta (0%)
- Yellow (38%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3780, -13.4974, -10.8555 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 90.3780, -13.4974, -10.8555 by changing the saturation by 10% instead.

90.3780, -13.4974,
-10.8555

90.3780, -13.4974,
-10.8555

255.0000, 0.0000,
0.0000

66.9050, -12.7712,
-10.4407

140.7370,
-14.6603, -11.1703

44.0190, -12.3344,
-10.5407

167.3240,
-14.9497, -11.6851

23.2580, -11.4662,
-8.9963

194.7970,
-15.6759, -12.1000

1.7610, -0.8682,
-1.5444

222.6830,
-16.1127, -12.0000

0.0000, 0.0000,
0.0000

245.4000,
-13.5082, -7.3668

254.0880, -3.4944,

0.7998

■ 90.3780, -13.4974,
-10.8555

■ 90.3780, -13.4974,
-10.8555

■ 87.4440, -16.9809,
-13.5444

■ 93.3120, -10.0138,
-8.1666

■ 84.2110, -20.3170,
-16.8480

■ 96.5450, -6.6777,
-4.8630

■ 81.1630, -24.2374,
-19.4370

■ 99.5930, -2.7573,
-2.2741

■ 78.2290, -27.7209,
-22.1258

■ 102.5270, 0.7262,
0.4148

■ 75.2950, -31.2044,
-24.8147

■ 105.4610, 4.2097,
3.1037

■ 72.0620, -34.5406,
-28.1184

■ 108.6940, 7.5459,
6.4074

■ 71.5350, -35.2668,
-28.5332

■ 111.6280, 11.0294,
9.0962

■ 114.6760, 14.9497,
11.6851

■ 117.6100, 18.4333,
14.3740

Harmonies

Analogous

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



92.5930, -19.5193, 7.3729



90.3780, -13.4974, -10.8555



86.1180, -2.5232, -30.7985

Triad

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



90.3780, -13.4974, -10.8555



86.5230, 23.4062, -40.8007



97.0690, -4.4710, 34.1425

Complementary

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



90.3780, -13.4974, -10.8555



74.6220, 13.4974, 10.8555

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.



98.2450, 5.3022, 26.0951



90.3780, -13.4974, -10.8555



94.5910, 20.4146, -14.5503

Square

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



90.3780, -13.4974, -10.8555



75.5430, 22.9033, -66.2512



97.8390, 14.3764, 8.9112



96.3540, -13.4855, 32.1385

Rectangle

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



90.3780, -13.4974, -10.8555



82.0220, 6.3982, -45.6233



97.8390, 14.3764, 8.9112



97.2690, -1.1186, 32.2131

Sweetspot

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



90.3780, -13.4974, -10.8555



128.5990, -5.2253, -4.0333



88.1620, -12.4049, 12.1359



63.5930, -2.7573, -2.2741



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



90.3780, -13.4974, -10.8555



114.6840, -21.0432, -17.2629



86.3490, -9.5391, -20.4771



49.5330, -1.7418, -1.3444



80.6610, -39.7659, -32.1517



169.8610, -83.7415, -67.4071

Inverse Universe

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



74.6220, 13.4974, 10.8555



90.0170, 21.1906, 16.6481



78.6510, 9.5391, 20.4771



47.4670, 1.7418, 1.3444



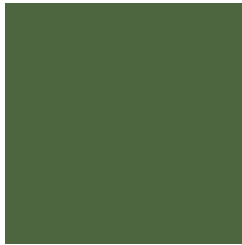
34.3390, 39.7659, 32.1517



72.1390, 83.7415, 67.4071

Previews

White Background



This preview shows how the YUV color 90.3780, -13.4974, -10.8555 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



This preview shows how the YUV color 90.3780, -13.4974, -10.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

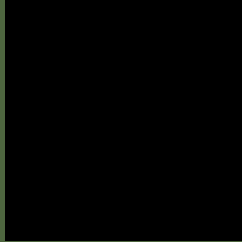
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3780, -13.4974, -10.8555

Background



This preview shows how black text looks on a background with the YUV color 90.3780, -13.4974, -10.8555.



This preview shows how white text looks on a background with the YUV color 90.3780, -13.4974,

-10.8555.

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

90.3780, -13.4974, -10.8555

Protanopia

93.4020, -16.4672, 8.4174

Deuteranopia

94.7280, -14.1629, 16.0245



Tritanopia

94.0250, 5.4107, -8.7919

Trichromacy



Original Color

90.3780, -13.4974, -10.8555

Protanomaly

92.5860, -15.5719, 1.2401

Deuteranomaly

93.0750, -13.8410, 6.0732

Tritanomaly

92.8910, -1.4253, -9.5514

Monochromacy



Original Color

90.3780, -13.4974, -10.8555

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0120, -4.9359, -3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3780, -13.4974, -10.8555 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, 102, 63)` looks like.

```
.text, #text, p{  
    color:rgb(78, 102, 63)  
}
```

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, 102, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 102, 63) }
```

Border

The CSS property to change the border of an element to YUV 90.3780, -13.4974, -10.8555 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, 102, 63) }
```


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

```
.border{ border-color:rgb(78, 102, 63) }
```

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

Here you see how a box with a 4 pixel rgb(78, 102, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 102, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 102, 63);  
box-shadow:4px 4px 4px 4px rgb(78, 102,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 90.3780, -13.4974, -10.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 102, 63) }
```

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

```
.background{ background-color: rgb(78, 102,  
63) }
```

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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