

Converting Colors

YUV(97.9840, -15.7681,
17.5540)

Have a look what the booklet for
YUV(97.9840, -15.7681, 17.5540)
contains.

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Color

**YUV(97.9840, -15.7681,
17.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	765E42
RGB	118, 94, 66
RGB Percent	46%, 37%, 26%
CMY	0.5373, 0.6314, 0.7412
CMYK	0.00, 0.20, 0.44, 0.54
HSL	32°, 28%, 36%
HSV	32°, 44%, 46%
XYZ	12.4573, 12.2503, 6.8622
YIQ	97.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

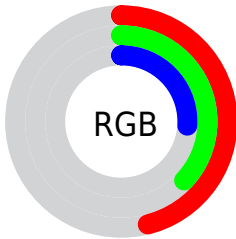
Format	Color
R_{YB}	111, 118, 66
Decimal	7757378
CIE Lab	41.61, 5.66, 19.74
CIE LCh	42, 20.533, 74.013
Yxy	12.2503, 0.3946, 0.3880
Android (android.graphics.Color)	4285947458 (0xFF765E42)
YUV	97.9840, -15.7681, 17.5540
Hunter-Lab	35.0004, 2.2806, 12.8758

Details

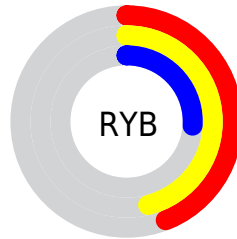
The YUV color **97.9840, -15.7681, 17.5540** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.0160, 15.7681, -17.5540**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6530, -17.0839, 19.5983**, and **51.0160, -14.3049, 14.8950** is the 20% darker color. If you saturate the color by 10%, you get **93.6810, -19.5627, 21.3278**, and if you desaturate by 10%, it is **102.2870, -11.9735, 13.7803**.

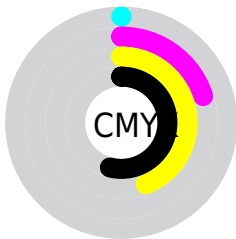
Distribution



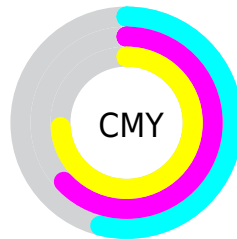
- Red (46%)
- Green (37%)
- Blue (26%)



- Red (44%)
- Yellow (46%)
- Blue (26%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9840, -15.7681, 17.5540 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 97.9840, -15.7681, 17.5540 by changing the saturation by 10% instead.

■ 97.9840, -15.7681,
17.5540

■ 97.9840, -15.7681,
17.5540

■ 255.0000, 0.0000,
0.0000

■ 73.9130, -14.7471,
16.7393

■ 148.6530,
-17.0839, 19.5983

■ 51.0160, -14.3049,
14.8950

■ 175.8380,
-17.6681, 20.3131

■ 29.6030, -14.5943,
14.3802

■ 203.0230,
-18.2523, 21.0278

■ 6.5670, -3.2375,
11.7807

■ 231.0230,
-18.2523, 21.0278

■ 0.0000, 0.0000,
0.0000

■ 251.1240,
-14.8511, 3.3993

■ 254.4300, -2.1840,

0.4999

■ 97.9840, -15.7681,
17.5540

■ 97.9840, -15.7681,
17.5540

■ 93.6810, -19.5627,
21.3278

■ 102.2870,
-11.9735, 13.7803

■ 88.7910, -23.0680,
25.6163

■ 107.1770, -8.4683,
9.4918

■ 84.6020, -26.4258,
29.2900

■ 111.3660, -5.1104,
5.8180

■ 79.7120, -29.9310,
33.5786

■ 116.2560, -1.6052,
1.5295

■ 75.4090, -33.7256,
37.3523

■ 120.5590, 2.1894,
-2.2442

■ 72.8500, -35.9150,
39.5966

■ 125.4490, 5.6946,
-6.5328

■ 129.7520, 9.4893,
-10.3065

■ 134.5280, 12.5577,
-14.4951

■ 138.8310, 16.3523,
-18.2688

Harmonies

Analogous

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



99.3640, -12.0115, 25.9908



97.9840, -15.7681, 17.5540



96.6080, -15.5827, 4.7288

Triad

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



97.9840, -15.7681, 17.5540



88.9460, 8.4076, -36.7866



100.3290, 11.1768, 8.4815

Complementary

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



97.9840, -15.7681, 17.5540



86.0160, 15.7681, -17.5540

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.



98.1850, 16.1778, -8.9322



97.9840, -15.7681, 17.5540



89.4710, 15.5438, -39.0011

Square

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



97.9840, -15.7681, 17.5540



91.6780, -1.8133, -25.1506



93.5310, 17.9792, -26.7757



101.0550, 3.4239, 21.8768

Rectangle

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



97.9840, -15.7681, 17.5540



95.3510, -12.4980, -4.6928



93.5310, 17.9792, -26.7757



99.7520, 12.9403, 2.8485

Sweetspot

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



97.9840, -15.7681, 17.5540



145.4370, -6.1314, 6.6328



84.2840, 2.8180, 29.5689



71.9960, -3.9420, 4.3885



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.9840, -15.7681, 17.5540



122.0470, -24.6732, 27.1458



111.4740, -22.4187, 3.9693



56.5550, -1.7526, 2.1443



75.2200, -37.0835, 41.0261



153.9950, -75.9195, 84.1964

Inverse Universe

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



86.0160, 15.7681, -17.5540



102.9530, 24.6732, -27.1458



72.5260, 22.4187, -3.9693



54.8580, 2.0420, -1.6295



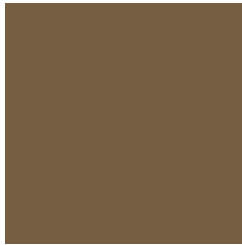
46.7800, 37.0835, -41.0261



96.0050, 75.9195, -84.1964

Previews

White Background



This preview shows how the YUV color 97.9840, -15.7681, 17.5540 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 97.9840, -15.7681, 17.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

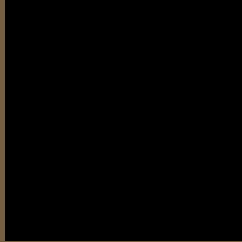
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9840, -15.7681, 17.5540

Background



This preview shows how black text looks on a background with the YUV color 97.9840, -15.7681, 17.5540.



This preview shows how white text looks on a background with the YUV color 97.9840, -15.7681,

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

97.9840, -15.7681, 17.5540

Protanopia

96.9720, -14.2832, 7.9176

Deuteranopia

97.9840, -15.7681, 17.5540



Tritanopia

100.0670, -1.5120, 18.3582

Trichromacy



Original Color

97.9840, -15.7681, 17.5540

Protanomaly

97.4670, -15.0202, 10.9914

Deuteranomaly

97.9840, -15.7681, 17.5540

Tritanomaly

99.1010, -6.4588, 18.3284

Monochromacy



Original Color

97.9840, -15.7681, 17.5540

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9840, -15.7681, 17.5540 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(118, 94, 66)` looks like.

```
.text, #text, p{  
    color:rgb(118, 94, 66)  
}
```

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(118, 94, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 94, 66) }
```

Border

The CSS property to change the border of an element to YUV 97.9840, -15.7681, 17.5540 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(118, 94, 66) }
```


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

```
.border{ border-color:rgb(118, 94, 66) }
```

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

Here you see how a box with a 4 pixel rgb(118, 94, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 94, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 94, 66);  
box-shadow:4px 4px 4px 4px rgb(118, 94,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 97.9840, -15.7681, 17.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 94, 66) }
```

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

```
.background{ background-color: rgb(118, 94,  
66) }
```

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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