

Converting Colors

YUV(105.3950, -15.9707,
-10.8704)

Have a look what the booklet for
YUV(105.3950, -15.9707, -10.8704)
contains.

YUV(105.3950, -15.9707, -10.8704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.3950, -15.9707,
-10.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7649
RGB	93, 118, 73
RGB Percent	36%, 46%, 29%
CMY	0.6353, 0.5373, 0.7137
CMYK	0.21, 0.00, 0.38, 0.54
HSL	93°, 24%, 37%
HSV	93°, 38%, 46%
XYZ	12.1952, 15.7651, 8.7035
YIQ	105.3950, -0.4550, -19.2950

Conversions

Conversions Part 2

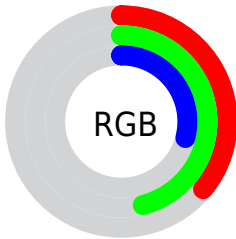
Format	Color
R _Y B	73, 118, 98
Decimal	6125129
CIE Lab	46.66, -17.92, 21.89
CIE LCh	47, 28.289, 129.308
Yxy	15.7651, 0.3326, 0.4300
Android (android.graphics.Color)	4284315209 (0xFF5D7649)
YUV	105.3950, -15.9707, -10.8704
Hunter-Lab	39.7052, -14.6589, 14.7971

Details

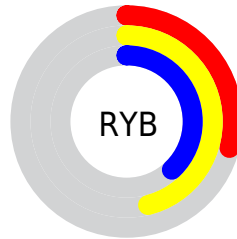
The YUV color **105.3950, -15.9707, -10.8704** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.6050, 15.9707, 10.8704**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7540, -17.1337, -11.1853**, and **58.0360, -14.8077, -10.5556** is the 20% darker color. If you saturate the color by 10%, you get **101.9340, -20.1805, -13.9741**, and if you desaturate by 10%, it is **108.8560, -11.7610, -7.7667**.

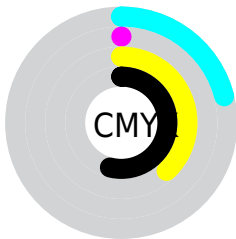
Distribution



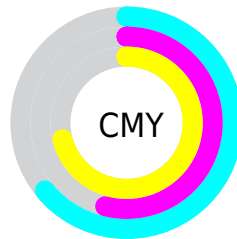
- Red (36%)
- Green (46%)
- Blue (29%)



- Red (29%)
- Yellow (46%)
- Blue (38%)



- Cyan (21%)
- Magenta (0%)
- Yellow (38%)
- Black (54%)



- Cyan (64%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3950, -15.9707, -10.8704 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 105.3950, -15.9707, -10.8704 by changing the saturation by 10% instead.

■ 105.3950,
-15.9707, -10.8704

■ 105.3950,
-15.9707, -10.8704

■ 255.0000, 0.0000,
0.0000

■ 80.9220, -15.2445,
-10.4556

■ 156.7540,
-17.1337, -11.1853

■ 58.0360, -14.8077,
-10.5556

■ 184.2270,
-17.8599, -11.6001

■ 35.2210, -15.3920,
-9.8408

■ 211.8140,
-18.1493, -12.1149

■ 16.4360, -8.1029,
-14.4144

■ 239.9990,
-18.7335, -11.4001

■ 0.0000, 0.0000,
0.0000

■ 252.2640,
-10.4832, 2.3995

■ 105.3950,
-15.9707, -10.8704

■ 105.3950,
-15.9707, -10.8704

■ 101.9340,
-20.1805, -13.9741

■ 108.8560,
-11.7610, -7.7667

■ 98.7720, -24.5376,
-16.4630

■ 112.0180, -7.4039,
-5.2778

■ 95.4250, -28.3105,
-19.6667

■ 115.3650, -3.6309,
-2.0741

■ 92.2630, -32.6677,
-22.1557

■ 118.5270, 0.7262,
0.4148

■ 88.8020, -36.8774,
-25.2594

■ 121.9880, 4.9359,
3.5185

■ 85.6400, -41.2345,
-27.7483

■ 125.1500, 9.2931,
6.0075

■ 84.8140, -41.8133,
-28.7779

■ 128.6110, 13.5028,
9.1112

■ 131.6590, 17.4231,

11.7001

■ 135.1200, 21.6328,
14.8038

Harmonies

Analogous

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



108.5070, -22.4350, 9.2024



105.3950, -15.9707, -10.8704



101.0530, -3.9701, -33.3725

Triad

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



105.3950, -15.9707, -10.8704



100.2770, 26.4854, -48.4779



112.5040, -4.1925, 38.1460

Complementary

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



105.3950, -15.9707, -10.8704



85.6050, 15.9707, 10.8704

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.



113.4240, 7.1860, 28.5692



105.3950, -15.9707, -10.8704



108.7800, 23.7725, -18.2241

Square

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



105.3950, -15.9707, -10.8704



87.5740, 25.8460, -76.8024



113.4090, 16.5604, 8.4113



111.7460, -14.6648, 37.0568

Rectangle

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



105.3950, -15.9707, -10.8704



96.5870, 6.1196, -49.6268



113.4090, 16.5604, 8.4113



113.1170, -0.5507, 36.7314

Sweetspot

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



105.3950, -15.9707, -10.8704



148.3710, -6.0989, -3.8334



101.1300, -13.8681, 14.7950



74.0660, -3.4835, -2.6889



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.



105.3950, -15.9707, -10.8704



133.3590, -24.8270, -16.9778



99.6430, -12.1490, -23.3659



57.1200, -2.0312, -1.8592



87.7600, -43.2657, -29.6075



179.9390, -88.7099, -60.4595

Inverse Universe

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



85.6050, 15.9707, 10.8704



102.6410, 24.8270, 16.9778



91.3570, 12.1490, 23.3659



54.5810, 2.1786, 1.2445



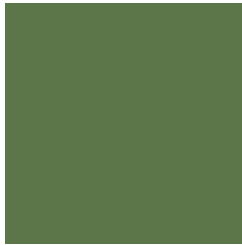
34.2400, 43.2657, 29.6075



70.0610, 88.7099, 60.4595

Previews

White Background



This preview shows how the YUV color 105.3950, -15.9707, -10.8704 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 105.3950, -15.9707, -10.8704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

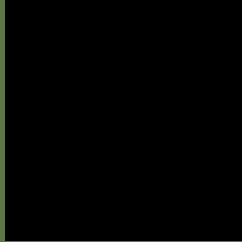
Any Text WCAG AA × Fail

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 105.3950, -15.9707, -10.8704 Background



This preview shows how black text looks on a background with the YUV color 105.3950, -15.9707, -10.8704.



This preview shows how white text looks on a background with the YUV color 105.3950, -15.9707, -10.8704.

-10.8704.

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

105.3950, -15.9707, -10.8704

Protanopia

108.4300, -18.9460, 10.1469

Deuteranopia

110.3540, -16.9365, 18.9835



Tritanopia

109.4380, 5.7001, -8.2771

Trichromacy



Original Color

105.3950, -15.9707, -10.8704

Protanomaly

107.3150, -17.9033, 2.3547

Deuteranomaly

108.4020, -16.4672, 8.4174

Tritanomaly

107.7770, -1.8621, -9.4514

Monochromacy



Original Color

105.3950, -15.9707, -10.8704

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3710, -6.0989, -3.8334

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3950, -15.9707, -10.8704 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(93, 118, 73)` looks like.

```
.text, #text, p{  
    color:rgb(93, 118, 73)  
}
```

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(93, 118, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 118, 73) }
```

Border

The CSS property to change the border of an element to YUV 105.3950, -15.9707, -10.8704 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(93, 118, 73) }
```


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

```
.border{ border-color:rgb(93, 118, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 118, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 118, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 118, 73);  
box-shadow:4px 4px 4px 4px rgb(93, 118,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 105.3950, -15.9707, -10.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 118, 73) }
```

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

```
.background{ background-color: rgb(93, 118,  
73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor