

Converting Colors

YUV(105.7870, 6.5140, 10.7108)

Have a look what the booklet for
YUV(105.7870, 6.5140, 10.7108)
contains.

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Color

**YUV(105.7870, 6.5140,
10.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	766177
RGB	118, 97, 119
RGB Percent	46%, 38%, 47%
CMY	0.5373, 0.6196, 0.5333
CMYK	0.01, 0.18, 0.00, 0.53
HSL	297°, 10%, 42%
HSV	297°, 18%, 47%
XYZ	15.0757, 13.7328, 19.3089
YIQ	105.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

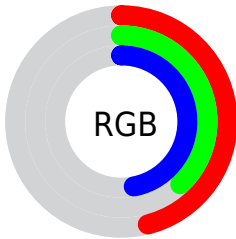
Format	Color
R_{YB}	118, 97, 119
Decimal	7758199
CIE _{Lab}	43.85, 12.69, -9.18
CIE _{LCh}	44, 15.664, 324.125
Yxy	13.7328, 0.3133, 0.2854
Android (android.graphics.Color)	4285948279 (0xFF766177)
YUV	105.7870, 6.5140, 10.7108
Hunter-Lab	37.0579, 7.7652, -4.9524

Details

The YUV color **105.7870, 6.5140, 10.7108** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.2130, -6.5140, -10.7108**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2000, 6.8034, 11.2256**, and **58.0750, 6.3720, 9.5812** is the 20% darker color. If you saturate the color by 10%, you get **98.4440, 10.1341, 16.2736**, and if you desaturate by 10%, it is **113.1300, 2.8939, 5.1480**.

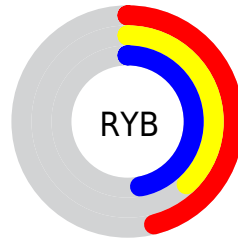
Distribution



Red (46%)

Green (38%)

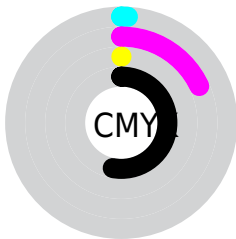
Blue (47%)



Red (46%)

Yellow (38%)

Blue (47%)

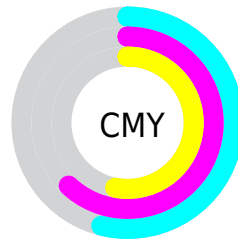


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7870, 6.5140, 10.7108 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 105.7870, 6.5140, 10.7108 by changing the saturation by 10% instead.

■ 105.7870, 6.5140,
10.7108

■ 105.7870, 6.5140,
10.7108

■ 255.0000, 0.0000,
0.0000

■ 81.3740, 6.2246,
10.1960

■ 157.2000, 6.8034,
11.2256

■ 58.0750, 6.3720,
9.5812

■ 183.9120, 6.9454,
12.3552

■ 36.5480, 5.6458,
9.1664

■ 212.0260, 7.3822,
12.2552

■ 14.2000, 6.8034,
11.2256

■ 240.0260, 7.3822,
12.2552

■ 0.0000, 0.0000,
0.0000

■ 105.7870, 6.5140,

■ 105.7870, 6.5140,

10.7108

10.7108

■ 98.4440, 10.1341,
16.2736

■ 113.1300, 2.8939,
5.1480

■ 91.4000, 13.6068,
22.4512

■ 120.1740, -0.5788,
-1.0296

■ 84.0570, 17.2269,
28.0140

■ 127.5170, -4.1989,
-6.5924

■ 77.0130, 20.6996,
34.1916

■ 134.5610, -7.6716,
-12.7700

■ 69.6700, 24.3197,
39.7544

■ 141.3170,
-11.0023, -17.8180

■ 63.2130, 27.5030,
45.4172

■ 148.3610,
-14.4750, -23.9956

■ 55.8700, 31.1231,
50.9800

■ 155.7040,
-18.0951, -29.5584

■ 48.8260, 34.5958,
57.1576

■ 162.7480,
-21.5678, -35.7360

■ 47.6520, 35.1746,
58.1872

■ 170.0910,
-25.1879, -41.2988

Harmonies

Analogous

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



104.2630, 11.2093, -1.9847



105.7870, 6.5140, 10.7108



106.2350, 0.3771, 19.0879

Triad

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



105.7870, 6.5140, 10.7108



103.4500, -12.5468, 11.0064



98.1860, 7.7963, -27.3501

Complementary

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



105.7870, 6.5140, 10.7108



110.2130, -6.5140, -10.7108

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.



98.7970, 1.0861, -21.7470



105.7870, 6.5140, 10.7108



101.8400, -10.7671, 0.1403

Square

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



105.7870, 6.5140, 10.7108



104.6620, -10.6794, 18.7134



100.0280, -5.9298, -11.4256



99.3480, 12.1534, -24.8612

Rectangle

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



105.7870, 6.5140, 10.7108



105.2200, -3.5595, 21.7321



100.0280, -5.9298, -11.4256



97.9150, 5.4649, -26.2355

Sweetspot

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



105.7870, 6.5140, 10.7108



149.8310, 3.0413, 4.5332



100.0950, 9.3202, -2.7143



76.0650, 1.4470, 2.5740



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



105.7870, 6.5140, 10.7108



134.8570, 10.4235, 16.7884



104.9460, 1.9986, 12.3254



55.1790, 1.8838, 2.4740



48.8910, 36.0427, 59.7316



99.9610, 73.9692, 121.9372

Inverse Universe

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



103.6920, -2.8062, 13.4251



131.6930, -4.2856, 21.3172



111.0540, -1.9986, -12.3254



54.7940, -0.8844, 3.6887



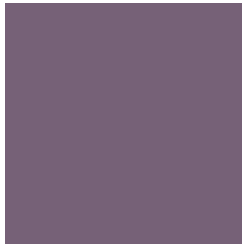
37.1620, -15.3629, 74.4029



76.0040, -32.0470, 152.5945

Previews

White Background



This preview shows how the YUV color 105.7870, 6.5140, 10.7108 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 105.7870, 6.5140, 10.7108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

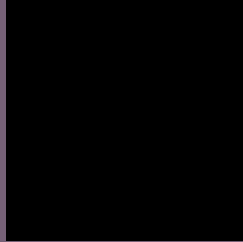
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.7870, 6.5140, 10.7108

Background



This preview shows how black text looks on a background with the YUV color 105.7870, 6.5140, 10.7108.



This preview shows how white text looks on a background with the YUV color 105.7870, 6.5140,

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

105.7870, 6.5140, 10.7108

Protanopia

104.3830, 9.1782, -3.8439

Deuteranopia

104.7320, 6.5411, 1.9890



Tritanopia

104.9950, 0.9885, 9.6514

Trichromacy



Original Color

105.7870, 6.5140, 10.7108

Protanomaly

105.1880, 8.2883, 1.5891

Deuteranomaly

105.3410, 6.2409, 4.9629

Tritanomaly

105.1630, 2.8776, 10.3810

Monochromacy



Original Color

105.7870, 6.5140, 10.7108

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7870, 6.5140, 10.7108 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, 97, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 97, 119)  
}
```

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, 97, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 97, 119) }
```

Border

The CSS property to change the border of an element to YUV 105.7870, 6.5140, 10.7108 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, 97, 119) }
```


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

```
.border{ border-color:rgb(118, 97, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 97, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 97, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 97, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 97,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 105.7870, 6.5140, 10.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 97, 119) }
```

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

```
.background{ background-color: rgb(118, 97,  
119) }
```

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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