

Converting Colors

YUV(108.7870, -6.7970,
33.5128)

Have a look what the booklet for
YUV(108.7870, -6.7970, 33.5128)
contains.

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Color

**YUV(108.7870, -6.7970,
33.5128)**

Conversions

Conversions Part 1

Format	Color
Hex	935C5F
RGB	147, 92, 95
RGB Percent	58%, 36%, 37%
CMY	0.4235, 0.6392, 0.6275
CMYK	0.00, 0.37, 0.35, 0.42
HSL	357°, 23%, 47%
HSV	357°, 37%, 58%
XYZ	17.9253, 14.6836, 12.7159
YIQ	108.7870, 31.8170, 12.5930

Conversions

Conversions Part 2

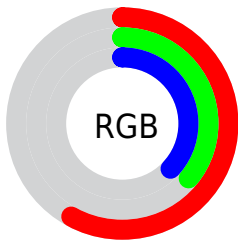
Format	Color
R_{YB}	147, 92, 95
Decimal	9657439
CIE _{Lab}	45.20, 22.95, 7.75
CIE _{LCh}	45, 24.225, 18.667
Yxy	14.6836, 0.3955, 0.3240
Android (android.graphics.Color)	4287847519 (0xFF935C5F)
YUV	108.7870, -6.7970, 33.5128
Hunter-Lab	38.3191, 16.4421, 7.1485

Details

The YUV color **108.7870, -6.7970, 33.5128** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.2130, 6.7970, -33.5128**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1680, -7.9708, 36.6867**, and **60.1070, -5.4758, 29.7242** is the 20% darker color. If you saturate the color by 10%, you get **98.3860, -8.5713, 42.6345**, and if you desaturate by 10%, it is **119.1880, -5.0227, 24.3911**.

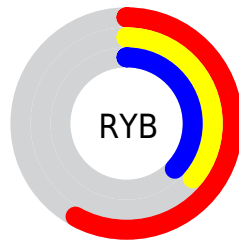
Distribution



Red (58%)

Green (36%)

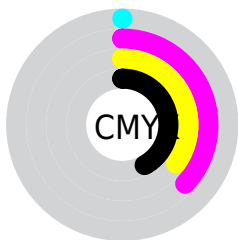
Blue (37%)



Red (58%)

Yellow (36%)

Blue (37%)

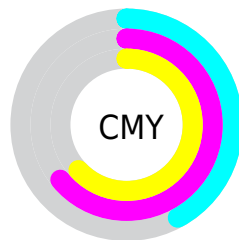


Cyan (0%)

Magenta (37%)

Yellow (35%)

Black (42%)



Cyan (42%)

Magenta (64%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7870, -6.7970, 33.5128 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 108.7870, -6.7970, 33.5128 by changing the saturation by 10% instead.

■ 108.7870, -6.7970,
33.5128

■ 108.7870, -6.7970,
33.5128

255.0000, 0.0000,
0.0000

■ 83.8900, -6.3548,
31.6685

■ 161.1680, -7.9708,
36.6867

■ 60.1070, -5.4758,
29.7242

■ 188.4670, -8.1182,
37.3014

■ 37.3240, -4.5967,
27.7799

■ 214.5700, -7.6760,
35.4571

■ 13.8680, -6.3439,
28.1798

■ 234.1980, -3.5486,
18.2434

■ 1.7940, -0.8844,
3.6887

254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

■ 108.7870, -6.7970,
33.5128

■ 108.7870, -6.7970,
33.5128

■ 98.3860, -8.5713,
42.6345

■ 119.1880, -5.0227,
24.3911

■ 88.5720, -10.6350,
51.2414

■ 129.0020, -2.9590,
15.7842

■ 78.1710, -12.4093,
60.3630

■ 139.4030, -1.1847,
6.6626

■ 67.7700, -14.1836,
69.4847

■ 149.8040, 0.5896,
-2.4591

■ 58.0700, -15.8105,
77.9916

■ 159.5040, 2.2165,
-10.9660

■ 47.6690, -17.5848,
87.1133

■ 169.9050, 3.9908,
-20.0877

■ 44.8650, -18.1744,
89.5724

■ 180.3060, 5.7651,
-29.2094

■ 190.7070, 7.5394,

-38.3310

■ 200.5210, 9.6031,
-46.9379

Harmonies

Analogous

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



109.5720, 2.6760, 28.4394



108.7870, -6.7970, 33.5128



107.5880, -15.0799, 30.1793

Triad

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



108.7870, -6.7970, 33.5128



102.0400, -10.8657, -14.9441



101.8340, 21.7738, -30.5494

Complementary

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



108.7870, -6.7970, 33.5128



130.2130, 6.7970, -33.5128

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.



95.3710, 20.5231, -49.4374



108.7870, -6.7970, 33.5128



97.7910, 0.1030, -33.1427

Square

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



108.7870, -6.7970, 33.5128



104.6140, -18.0507, 2.9695



94.4930, 12.0820, -48.6674



107.7660, 18.3564, -7.6878

Rectangle

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



108.7870, -6.7970, 33.5128



107.0340, -18.2578, 22.7722



94.4930, 12.0820, -48.6674



99.4910, 21.9429, -38.1416

Sweetspot

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



108.7870, -6.7970, 33.5128



176.3930, -2.6587, 12.8103



113.5190, 16.5061, 25.8548



88.0010, -1.4795, 7.8921



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



108.7870, -6.7970, 33.5128



131.2840, -10.4930, 52.3709



122.5330, -15.0528, 21.4576



69.0930, -1.0318, 4.3034



42.1740, -16.8478, 84.0394



3.1040, -1.0373, 6.0478

Inverse Universe

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



108.7870, -6.7970, 33.5128



131.2840, -10.4930, 52.3709



116.4670, 15.0528, -21.4576



69.0930, -1.0318, 4.3034



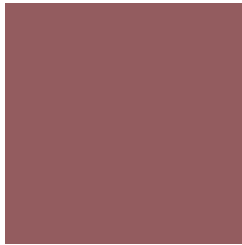
42.1740, -16.8478, 84.0394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 108.7870, -6.7970, 33.5128 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 108.7870, -6.7970, 33.5128 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 108.7870, -6.7970, 33.5128

Background



This preview shows how black text looks on a background with the YUV color 108.7870, -6.7970, 33.5128.



This preview shows how white text looks on a background with the YUV color 108.7870, -6.7970,

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

108.7870, -6.7970, 33.5128

Protanopia

107.4410, -2.1894, 2.2442

Deuteranopia

107.8400, -7.3161, 13.2953



Tritanopia

108.5420, -5.1972, 33.7277

Trichromacy



Original Color

108.7870, -6.7970, 33.5128

Protanomaly

108.0510, -3.9691, 13.1103

Deuteranomaly

108.2970, -7.0484, 20.7875

Tritanomaly

108.4280, -5.6340, 33.8276

Monochromacy



Original Color

108.7870, -6.7970, 33.5128

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0940, -2.5113, 12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7870, -6.7970, 33.5128 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(147, 92, 95)` looks like.

```
.text, #text, p{  
    color:rgb(147, 92, 95)  
}
```

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(147, 92, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 92, 95) }
```

Border

The CSS property to change the border of an element to YUV 108.7870, -6.7970, 33.5128 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(147, 92, 95) }
```


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

```
.border{ border-color:rgb(147, 92, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 92, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 92, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 92, 95);  
box-shadow:4px 4px 4px 4px rgb(147, 92,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 108.7870, -6.7970, 33.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 92, 95) }
```

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

```
.background{ background-color: rgb(147, 92,  
95) }
```

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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