

Converting Colors

YUV(109.7130, 11.9735,
-13.7803)

Have a look what the booklet for
YUV(109.7130, 11.9735, -13.7803)
contains.

YUV(109.7130, 11.9735, -13.7803)	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(109.7130, 11.9735,
-13.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7186
RGB	94, 113, 134
RGB Percent	37%, 44%, 53%
CMY	0.6314, 0.5569, 0.4745
CMYK	0.30, 0.16, 0.00, 0.47
HSL	212°, 18%, 45%
HSV	212°, 30%, 53%
XYZ	14.8243, 15.9112, 24.8441
YIQ	109.7130, -18.0650, 2.5030

Conversions

Conversions Part 2

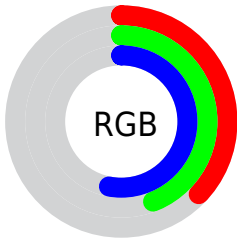
Format	Color
R_{YB}	94, 107, 134
Decimal	6189446
CIE _{Lab}	46.86, -1.80, -13.84
CIE _{LCh}	47, 13.954, 262.604
Yxy	15.9112, 0.2667, 0.2863
Android (android.graphics.Color)	4284379526 (0xFF5E7186)
YUV	109.7130, 11.9735, -13.7803
Hunter-Lab	39.8888, -3.4676, -9.0056

Details

The YUV color **109.7130, 11.9735, -13.7803** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.2870, -11.9735, 13.7803**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5280, 12.5577, -14.4951**, and **61.4850, 11.0999, -13.5803** is the 20% darker color. If you saturate the color by 10%, you get **101.7170, 15.9155, -18.1688**, and if you desaturate by 10%, it is **117.7090, 8.0315, -9.3918**.

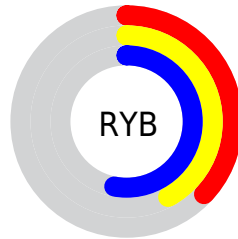
Distribution



Red (37%)

Green (44%)

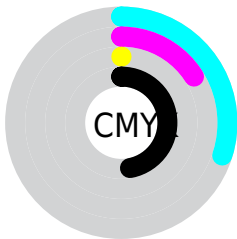
Blue (53%)



Red (37%)

Yellow (42%)

Blue (53%)

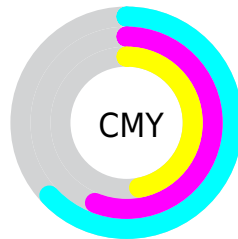


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7130, 11.9735, -13.7803 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 109.7130, 11.9735, -13.7803 by changing the saturation by 10% instead.

■ 109.7130, 11.9735,
-13.7803

■ 109.7130, 11.9735,
-13.7803

255.0000, 0.0000,
0.0000

■ 85.5990, 11.5367,
-13.6803

■ 161.5280, 12.5577,
-14.4951

■ 61.4850, 11.0999,
-13.5803

■ 188.6420, 12.9945,
-14.5950

■ 39.0720, 10.8105,
-14.0951

■ 216.6420, 12.9945,
-14.5950

■ 17.9470, 10.3791,
-15.7395

■ 242.8180, 6.0057,
-12.9954

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 109.7130, 11.9735,
-13.7803

■ 109.7130, 11.9735,
-13.7803

■ 101.7170, 15.9155,
-18.1688

■ 117.7090, 8.0315,
-9.3918

■ 93.4220, 20.0050,
-23.1721

■ 126.0040, 3.9420,
-4.3885

■ 85.4260, 23.9470,
-27.5606

■ 134.0000, 0.0000,
0.0000

■ 77.1310, 28.0364,
-32.5639

■ 142.2950, -4.0894,
5.0033

■ 69.1350, 31.9784,
-36.9524

■ 150.2910, -8.0315,
9.3918

■ 61.1390, 35.9205,
-41.3409

■ 158.2870,
-11.9735, 13.7803

■ 52.8440, 40.0099,
-46.3442

■ 166.5820,
-16.0629, 18.7836

■ 174.5780,

-20.0050, 23.1721

 182.8730,
-24.0944, 28.1754

Harmonies

Analogous

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



107.3160, 10.6902, -22.2021



109.7130, 11.9735, -13.7803



111.7360, 10.4832, -2.3995

Triad

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



109.7130, 11.9735, -13.7803



112.8670, -4.8644, 20.2876



108.1530, -5.4984, -9.7812

Complementary

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



109.7130, 11.9735, -13.7803



118.2870, -11.9735, 13.7803

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.



109.6660, -10.1883, 1.1699



109.7130, 11.9735, -13.7803



112.2920, -9.5110, 17.2839

Square

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



109.7130, 11.9735, -13.7803



113.2240, 0.3826, 17.3436



110.7920, -11.2365, 10.7064



107.2920, 0.3490, -18.6731

Rectangle

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



109.7130, 11.9735, -13.7803



112.3950, 7.6933, 5.7926



110.7920, -11.2365, 10.7064



108.7190, -7.2565, -5.8926

Sweetspot

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



109.7130, 11.9735, -13.7803



163.8190, 4.5262, -5.1033



119.8740, -2.4029, -22.6915



81.0750, 2.9210, -3.5738



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.7130, 11.9735, -13.7803



135.6780, 18.3997, -21.6426



98.8590, 17.3245, -3.3843



62.4450, 1.7526, -2.1443



51.2140, 38.8415, -44.9147



0.9290, 1.0210, -0.8147

Inverse Universe

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



108.1260, 2.4029, 22.6915



132.9580, 3.9647, 35.1168



129.1410, -17.3245, 3.3843



62.1360, 0.4260, 3.3887



45.9380, 7.9186, 73.7224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 109.7130, 11.9735, -13.7803 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 109.7130, 11.9735, -13.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

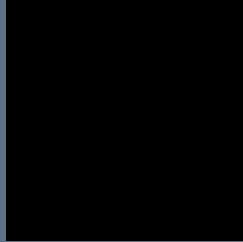
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

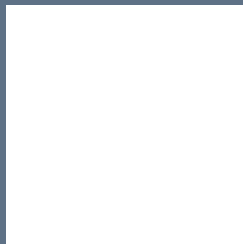
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.7130, 11.9735, -13.7803

Background



This preview shows how black text looks on a background with the YUV color 109.7130, 11.9735, -13.7803.



This preview shows how white text looks on a background with the YUV color 109.7130, 11.9735, -13.7803.

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

109.7130, 11.9735, -13.7803

Protanopia

111.3120, 10.1992, -4.6586

Deuteranopia

111.6760, 11.4987, -1.4699



Tritanopia

109.1490, 7.3215, -15.0397

Trichromacy



Original Color

109.7130, 11.9735, -13.7803

Protanomaly

110.8170, 10.9362, -7.7325

Deuteranomaly

111.0560, 11.8044, -6.1881

Tritanomaly

109.3170, 9.2107, -14.3100

Monochromacy



Original Color

109.7130, 11.9735, -13.7803

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8190, 4.5262, -5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7130, 11.9735, -13.7803 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(94, 113, 134)` looks like.

```
.text, #text, p{  
    color:rgb(94, 113, 134)  
}
```

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(94, 113, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 113, 134) }
```

Border

The CSS property to change the border of an element to YUV 109.7130, 11.9735, -13.7803 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(94, 113, 134) }
```


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

```
.border{ border-color:rgb(94, 113, 134) }
```

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

Here you see how a box with a 4 pixel rgb(94, 113, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 113, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 113, 134);  
box-shadow:4px 4px 4px 4px rgb(94, 113,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 109.7130, 11.9735, -13.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 113, 134) }
```

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

```
.background{ background-color: rgb(94, 113,  
134) }
```

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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