

Converting Colors

YUV(123.3710, 30.8761,
-9.9724)

Have a look what the booklet for
YUV(123.3710, 30.8761, -9.9724)
contains.

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Color

**YUV(123.3710, 30.8761,
-9.9724)**

Conversions

Conversions Part 1

Format	Color
Hex	7075BA
RGB	112, 117, 186
RGB Percent	44%, 46%, 73%
CMY	0.5608, 0.5412, 0.2706
CMYK	0.40, 0.37, 0.00, 0.27
HSL	236°, 35%, 58%
HSV	236°, 40%, 73%
XYZ	21.9063, 19.7125, 49.1047
YIQ	123.3710, -25.1290, 20.3990

Conversions

Conversions Part 2

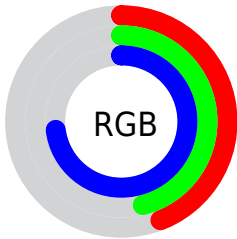
Format	Color
R _Y B	112, 117, 186
Decimal	7370170
CIE Lab	51.51, 15.56, -36.98
CIE LCh	52, 40.119, 292.828
Yxy	19.7125, 0.2415, 0.2173
Android (android.graphics.Color)	4285560250 (0xFF7075BA)
YUV	123.3710, 30.8761, -9.9724
Hunter-Lab	44.3988, 10.3739, -34.4952

Details

The YUV color **123.3710, 30.8761, -9.9724** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **174.6290, -30.8761, 9.9724**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4250, 32.3285, -9.1427**, and **73.1920, 28.9923, -12.4464** is the 20% darker color. If you saturate the color by 10%, you get **107.7110, 38.5965, -12.9015**, and if you desaturate by 10%, it is **139.0310, 23.1557, -7.0432**.

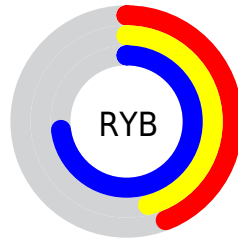
Distribution



Red (44%)

Green (46%)

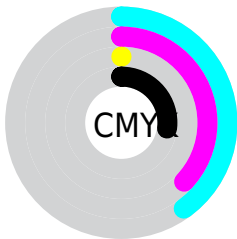
Blue (73%)



Red (44%)

Yellow (46%)

Blue (73%)

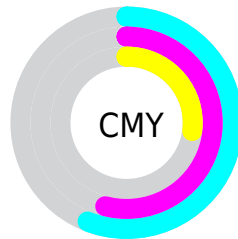


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (56%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3710, 30.8761, -9.9724 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 123.3710, 30.8761, -9.9724 by changing the saturation by 10% instead.

■ 123.3710, 30.8761,
-9.9724

■ 123.3710, 30.8761,
-9.9724

■ 255.0000, 0.0000,
0.0000

■ 97.8440, 30.1499,
-10.3872

■ 176.4250, 32.3285,
-9.1427

■ 73.1920, 28.9923,
-12.4464

■ 202.1280, 26.0659,
-7.1283

■ 49.0560, 28.5664,
-15.8351

■ 227.2350, 13.6881,
-3.7141

■ 24.6100, 28.2933,
-21.5830

■ 252.9290, 1.0210,
-0.8147

■ 6.7260, 25.7711,
-5.8987

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 123.3710, 30.8761,
-9.9724

■ 123.3710, 30.8761,
-9.9724

■ 107.7110, 38.5965,
-12.9015

■ 139.0310, 23.1557,
-7.0432

■ 91.7630, 46.4588,
-14.7012

■ 154.9790, 15.2934,
-5.2436

■ 76.1030, 54.1792,
-17.6303

■ 170.6390, 7.5730,
-2.3144

■ 60.7420, 61.7522,
-19.9447

■ 186.0000, 0.0000,
0.0000

■ 44.4950, 69.7620,
-22.3591

■ 202.2470, -8.0098,
2.4144

■ 28.8350, 77.4823,
-25.2883

■ 217.9070,
-15.7302, 5.3436

■ 233.2680,
-23.3031, 7.6580

■ 247.1340,
-30.1391, 6.8985

Harmonies

Analogous

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



107.0650, 41.3800, -65.8320



123.3710, 30.8761, -9.9724



126.8010, 18.8321, 26.4845

Triad

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



123.3710, 30.8761, -9.9724



121.8260, -26.0432, 46.6336



95.0620, 8.8434, -83.3694

Complementary

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



123.3710, 30.8761, -9.9724



174.6290, -30.8761, 9.9724

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.



111.6760, -15.6163, -31.2879



123.3710, 30.8761, -9.9724



120.1580, -33.1089, 26.1714

Square

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



123.3710, 30.8761, -9.9724



122.8500, -12.2510, 56.2596



117.2040, -29.6806, -0.1789



99.0520, 24.1314, -86.8686

Rectangle

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



123.3710, 30.8761, -9.9724



125.9790, 8.8844, 43.8684



117.2040, -29.6806, -0.1789



103.5720, -1.2680, -60.1376

Sweetspot

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



123.3710, 30.8761, -9.9724



217.4800, 12.0884, -3.9290



163.1900, 8.2873, -44.8936



107.5250, 7.1362, -2.2144



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



123.3710, 30.8761, -9.9724



143.9200, 48.3534, -15.7158



129.7050, 27.7534, 11.6597



84.0260, 3.9312, -0.8998



24.2410, 64.9572, -21.2594



4.3660, 11.6516, -3.8290

Inverse Universe

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



134.6960, -8.7241, 44.9936



161.5960, -13.6048, 70.5143



168.2950, -27.7534, -11.6597



85.6910, -1.3267, 5.5330



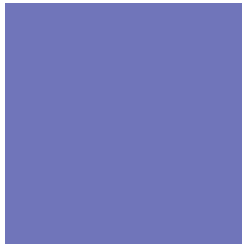
47.8980, -18.1907, 94.8055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 123.3710, 30.8761, -9.9724 looks on a white background.

Color Contrast Check

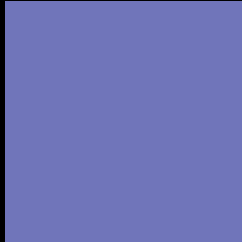
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.3710, 30.8761, -9.9724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

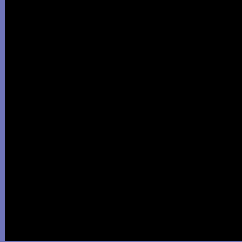
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3710, 30.8761, -9.9724

Background



This preview shows how black text looks on a background with the YUV color 123.3710, 30.8761, -9.9724.



This preview shows how white text looks on a background with the YUV color 123.3710, 30.8761, -9.9724.

-9.9724.

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

123.3710, 30.8761, -9.9724

Protanopia

121.2880, 33.3820, -20.4236

Deuteranopia

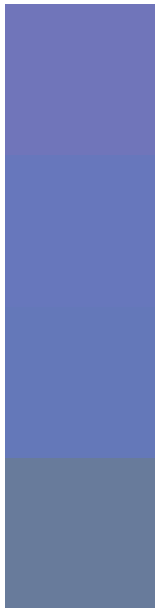
120.5110, 31.7931, -24.1271



Tritanopia

120.0670, 8.3480, -17.5988

Trichromacy



Original Color

123.3710, 30.8761, -9.9724

Protanomaly

122.0820, 32.4976, -16.7349

Deuteranomaly

121.4300, 31.3400, -18.7941

Tritanomaly

120.9670, 16.7783, -14.8801

Monochromacy



Original Color

123.3710, 30.8761, -9.9724

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2520, 11.2148, -3.7290

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3710, 30.8761, -9.9724 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(112, 117, 186)` looks like.

```
.text, #text, p{  
    color:rgb(112, 117, 186)  
}
```

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(112, 117, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 117, 186) }
```

Border

The CSS property to change the border of an element to YUV 123.3710, 30.8761, -9.9724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

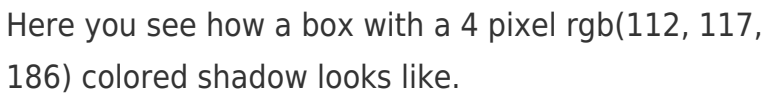
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 117, 186) }
```


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

```
.border{ border-color:rgb(112, 117, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 117, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 117, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 117, 186); box-shadow:4px 4px 4px 4px rgb(112, 117, 186) }
```

Background

The CSS property to change the background color of an element to YUV 123.3710, 30.8761, -9.9724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 117, 186) }
```

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

```
.background{ background-color: rgb(112,  
117, 186) }
```

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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