

Converting Colors

YUV(105.3690, 7.2131, 19.8474)

Have a look what the booklet for
YUV(105.3690, 7.2131, 19.8474)
contains.

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Color

**YUV(105.3690, 7.2131,
19.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	805B78
RGB	128, 91, 120
RGB Percent	50%, 36%, 47%
CMY	0.4980, 0.6431, 0.5294
CMYK	0.00, 0.29, 0.06, 0.50
HSL	313°, 17%, 43%
HSV	313°, 29%, 50%
XYZ	16.0333, 13.4274, 19.5160
YIQ	105.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

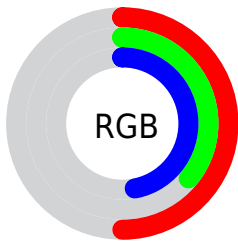
Format	Color
R_{YB}	128, 91, 120
Decimal	8412024
CIE Lab	43.40, 20.23, -10.35
CIE LCh	43, 22.727, 332.907
Yxy	13.4274, 0.3274, 0.2742
Android (android.graphics.Color)	4286602104 (0xFF805B78)
YUV	105.3690, 7.2131, 19.8474
Hunter-Lab	36.6435, 13.9766, -5.9269

Details

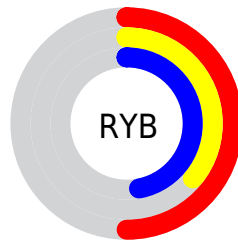
The YUV color **105.3690, 7.2131, 19.8474** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113.6310, -7.2131, -19.8474**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0810, 7.3551, 20.9770**, and **57.3580, 7.2185, 18.1030** is the 20% darker color. If you saturate the color by 10%, you get **97.3960, 9.6648, 26.8397**, and if you desaturate by 10%, it is **113.3420, 4.7614, 12.8551**.

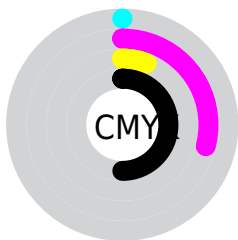
Distribution



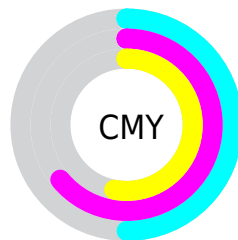
- Red (50%)
- Green (36%)
- Blue (47%)



- Red (50%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3690, 7.2131, 19.8474 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 105.3690, 7.2131, 19.8474 by changing the saturation by 10% instead.

105.3690, 7.2131,
19.8474

105.3690, 7.2131,
19.8474

255.0000, 0.0000,
0.0000

80.9560, 6.9237,
19.3326

157.0810, 7.3551,
20.9770

57.3580, 7.2185,
18.1030

183.9070, 7.9338,
22.0066

35.5320, 6.6397,
17.0734

211.6190, 8.0758,
23.1361

13.3580, 7.2185,
18.1030

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

253.2390, 0.8682,
1.5444

105.3690, 7.2131,
19.8474

105.3690, 7.2131,
19.8474

97.3960, 9.6648,
26.8397

113.3420, 4.7614,
12.8551

89.4230, 12.1165,
33.8320

121.3150, 2.3097,
5.8627

82.1510, 14.7156,
40.2096

128.5870, -0.2894,
-0.5148

74.1780, 17.1672,
47.2019

136.5600, -2.7411,
-7.5071

66.2050, 19.6189,
54.1942

144.5330, -5.1928,
-14.4994

58.2320, 22.0706,
61.1865

152.5060, -7.6445,
-21.4918

50.3730, 24.9591,
68.0789


160.3650,
-10.5329, -28.3841

49.6720, 24.8117,

167.7510,

68.6937

-12.6952, -34.8616

 175.7240,
-15.1469, -41.8539

Harmonies

Analogous

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



104.2080, 14.6875, 2.4486



105.3690, 7.2131, 19.8474



104.7310, -1.8394, 30.0539

Triad

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



105.3690, 7.2131, 19.8474



101.3700, -17.9304, 11.0765



90.7150, 15.4235, -47.1081

Complementary

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



105.3690, 7.2131, 19.8474



113.6310, -7.2131, -19.8474

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.



92.8380, 5.5029, -38.4459



105.3690, 7.2131, 19.8474



99.4820, -14.5346, -4.8077

Square

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



105.3690, 7.2131, 19.8474



103.2020, -16.3686, 23.5018



96.0760, -5.4605, -21.9917



95.0350, 20.1957, -37.7417

Rectangle

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



105.3690, 7.2131, 19.8474



104.2490, -7.5178, 31.3536



96.0760, -5.4605, -21.9917



91.2160, 12.2185, -45.7934

Sweetspot

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



105.3690, 7.2131, 19.8474



156.8530, 3.0305, 8.0219



97.3110, 15.1297, 0.6043



78.4890, 1.7309, 4.8331



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



105.3690, 7.2131, 19.8474



130.4720, 11.1063, 31.1581



103.3170, -0.6493, 21.6470



59.6630, 1.1521, 3.8035



49.6720, 24.8117, 68.6937



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.3690, 7.2131, 19.8474



130.4720, 11.1063, 31.1581



115.6830, 0.6493, -21.6470



59.6630, 1.1521, 3.8035



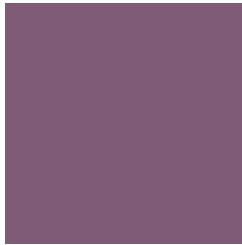
49.6720, 24.8117, 68.6937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 105.3690, 7.2131, 19.8474 looks on a white background.

Color Contrast Check

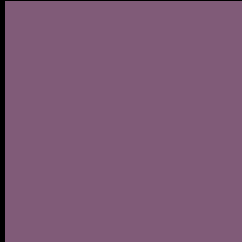
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.3690, 7.2131, 19.8474 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 105.3690, 7.2131, 19.8474

Background



This preview shows how black text looks on a background with the YUV color 105.3690, 7.2131, 19.8474.



This preview shows how white text looks on a background with the YUV color 105.3690, 7.2131,

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

105.3690, 7.2131, 19.8474

Protanopia

103.3550, 11.6570, -5.5733

Deuteranopia

103.5470, 7.1253, 1.2743



Tritanopia

104.4800, -1.2226, 18.8730

Trichromacy



Original Color

105.3690, 7.2131, 19.8474

Protanomaly

103.9540, 9.8827, 3.5483

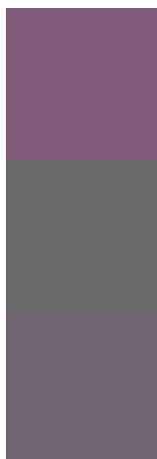
Deuteranomaly

104.2920, 7.2510, 7.6369

Tritanomaly

104.9900, 1.9769, 19.3028

Monochromacy



Original Color

105.3690, 7.2131, 19.8474

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3690, 7.2131, 19.8474 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(128, 91, 120)` looks like.

```
.text, #text, p{  
    color:rgb(128, 91, 120)  
}
```

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(128, 91, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 91, 120) }
```

Border

The CSS property to change the border of an element to YUV 105.3690, 7.2131, 19.8474 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(128, 91, 120) }
```


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

```
.border{ border-color:rgb(128, 91, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 91, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 91, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 91, 120);  
box-shadow:4px 4px 4px 4px rgb(128, 91,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 105.3690, 7.2131, 19.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 91, 120) }
```

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

```
.background{ background-color: rgb(128, 91,  
120) }
```

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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