

Converting Colors

YUV(117.2150, 10.7400, 8.5814)

Have a look what the booklet for
YUV(117.2150, 10.7400, 8.5814)
contains.

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Color

**YUV(117.2150, 10.7400,
8.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6C8B
RGB	127, 108, 139
RGB Percent	50%, 42%, 55%
CMY	0.5020, 0.5765, 0.4549
CMYK	0.09, 0.22, 0.00, 0.45
HSL	277°, 13%, 48%
HSV	277°, 22%, 55%
XYZ	18.7752, 17.1012, 26.7374
YIQ	117.2150, 1.3730, 13.6690

Conversions

Conversions Part 2

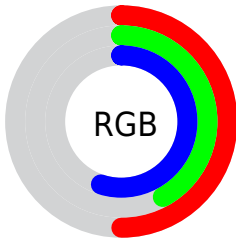
Format	Color
R_{YB}	127, 108, 139
Decimal	8350859
CIE Lab	48.39, 13.66, -14.23
CIE LCh	48, 19.728, 313.839
Yxy	17.1012, 0.2999, 0.2731
Android (android.graphics.Color)	4286540939 (0xFF7F6C8B)
YUV	117.2150, 10.7400, 8.5814
Hunter-Lab	41.3536, 8.6728, -9.3867

Details

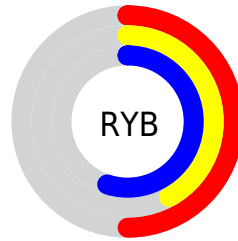
The YUV color **117.2150, 10.7400, 8.5814** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.7850, -10.7400, -8.5814**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7420, 11.4662, 8.9963**, and **68.6880, 10.0138, 8.1666** is the 20% darker color. If you saturate the color by 10%, you get **107.5020, 15.5285, 12.7147**, and if you desaturate by 10%, it is **126.9280, 5.9515, 4.4481**.

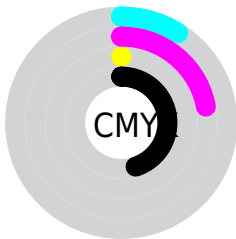
Distribution



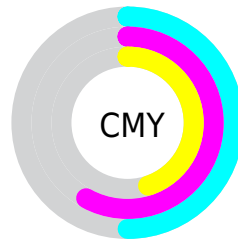
- Red (50%)
- Green (42%)
- Blue (55%)



- Red (50%)
- Yellow (42%)
- Blue (55%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2150, 10.7400, 8.5814 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 117.2150, 10.7400, 8.5814 by changing the saturation by 10% instead.

■ 117.2150, 10.7400,
8.5814

■ 117.2150, 10.7400,
8.5814

■ 255.0000, 0.0000,
0.0000

■ 92.6880, 10.0138,
8.1666

■ 169.7420, 11.4662,
8.9963

■ 68.6880, 10.0138,
8.1666

■ 197.0410, 11.3188,
9.6110

■ 46.4490, 9.1456,
6.6222

■ 224.5680, 12.0450,
10.0259

■ 25.3350, 8.7088,
6.7222

■ 247.9560, 3.4727,
6.1776

■ 3.8180, 9.4567,
0.1596

■ 0.0000, 0.0000,
0.0000

■ 117.2150, 10.7400,
8.5814

■ 117.2150, 10.7400,
8.5814

■ 107.5020, 15.5285,
12.7147

■ 126.9280, 5.9515,
4.4481

■ 97.4900, 20.4644,
16.2333

■ 136.9400, 1.0156,
0.9296

■ 87.7770, 25.2529,
20.3666

■ 146.6530, -3.7729,
-3.2037

■ 77.7650, 30.1889,
23.8851

■ 156.6650, -8.7088,
-6.7222

■ 68.6390, 34.6880,
27.5036

■ 166.3780,
-13.4974, -10.8555

■ 58.9260, 39.4765,
31.6369

■ 175.5040,
-17.9965, -14.4740

■ 48.9140, 44.4124,
35.1554


■ 185.5160,
-22.9324, -17.9925

■ 41.2610, 48.1853,

■ 195.2290,

38.3591

-27.7209, -22.1258

 204.9420,
-32.5094, -26.2591

Harmonies

Analogous

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



115.0710, 15.7410, -8.8323



117.2150, 10.7400, 8.5814



117.7560, 3.5713, 21.2620

Triad

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



117.2150, 10.7400, 8.5814



114.9840, -15.7681, 17.5540



106.7290, 7.5286, -34.8423

Complementary

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



117.2150, 10.7400, 8.5814



129.7850, -10.7400, -8.5814

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.



109.2760, -2.1081, -23.9211



117.2150, 10.7400, 8.5814



113.0210, -15.2934, 5.2436

Square

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



117.2150, 10.7400, 8.5814



116.4780, -11.5747, 25.8908



111.1870, -10.4452, -9.8110



107.8520, 14.3700, -35.8272

Rectangle

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



117.2150, 10.7400, 8.5814



117.5950, -2.2653, 26.6652



111.1870, -10.4452, -9.8110



107.3550, 4.7550, -31.8833

Sweetspot

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



117.2150, 10.7400, 8.5814



171.8740, 4.4991, 3.6185



118.5780, 10.0680, -9.2769



86.4070, 2.7573, 2.2741



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.2150, 10.7400, 8.5814



146.5560, 16.9809, 13.5444



120.4610, 7.6607, 16.2587



63.9940, 2.4680, 1.7593



39.3810, 46.1542, 36.4999



1.4670, 1.7418, 1.3444

Inverse Universe

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



118.6370, 0.6720, 17.8584



148.8170, 1.0762, 28.2245



126.5390, -7.6607, -16.2587



64.4350, 0.2785, 4.0035



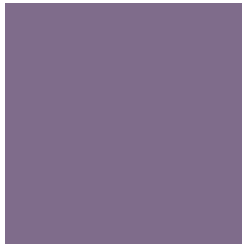
45.5810, 2.6716, 76.6665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 117.2150, 10.7400, 8.5814 looks on a white background.

Color Contrast Check

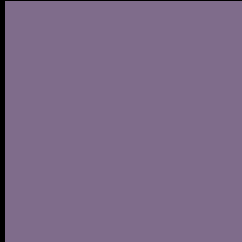
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2150, 10.7400, 8.5814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

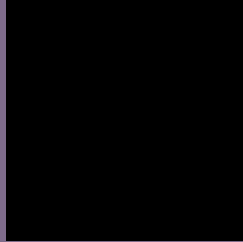
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.2150, 10.7400, 8.5814

Background



This preview shows how black text looks on a background with the YUV color 117.2150, 10.7400, 8.5814.



This preview shows how white text looks on a background with the YUV color 117.2150, 10.7400,

8.5814.

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

117.2150, 10.7400, 8.5814

Protanopia

115.5120, 13.5516, -6.5880

Deuteranopia

115.8610, 10.9145, -0.7551



Tritanopia

115.9130, 2.0149, 7.0923

Trichromacy



Original Color

117.2150, 10.7400, 8.5814

Protanomaly

116.3170, 12.6617, -1.1550

Deuteranomaly

116.4700, 10.6143, 2.2188

Tritanomaly

116.4230, 5.2145, 7.5220

Monochromacy



Original Color

117.2150, 10.7400, 8.5814

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3470, 3.7729, 3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2150, 10.7400, 8.5814 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(127, 108, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 108, 139)  
}
```

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(127, 108, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 108, 139) }
```

Border

The CSS property to change the border of an element to YUV 117.2150, 10.7400, 8.5814 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(127, 108, 139) }
```


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

```
.border{ border-color:rgb(127, 108, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 108, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 108, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 108, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 108,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 117.2150, 10.7400, 8.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 108, 139) }
```

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

```
.background{ background-color: rgb(127,  
108, 139) }
```

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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