

Converting Colors

YUV(115.7850, 12.9240, 8.0816)

Have a look what the booklet for
YUV(115.7850, 12.9240, 8.0816)
contains.

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Color

**YUV(115.7850, 12.9240,
8.0816)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6A8E
RGB	125, 106, 142
RGB Percent	49%, 42%, 56%
CMY	0.5098, 0.5843, 0.4431
CMYK	0.12, 0.25, 0.00, 0.44
HSL	272°, 15%, 49%
HSV	272°, 25%, 56%
XYZ	18.4940, 16.6210, 27.8246
YIQ	115.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

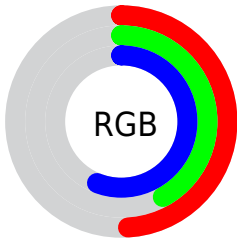
Format	Color
R_{YB}	125, 106, 142
Decimal	8219278
CIE Lab	47.78, 14.83, -16.95
CIE LCh	48, 22.521, 311.169
Yxy	16.6210, 0.2938, 0.2641
Android (android.graphics.Color)	4286409358 (0xFF7D6A8E)
YUV	115.7850, 12.9240, 8.0816
Hunter-Lab	40.7689, 9.6272, -11.9270

Details

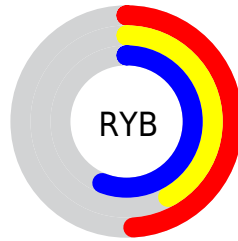
The YUV color **115.7850, 12.9240, 8.0816** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.2150, -12.9240, -8.0816**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7250, 13.9396, 9.0112**, and **67.8450, 11.9084, 7.1519** is the 20% darker color. If you saturate the color by 10%, you get **105.4740, 18.0073, 10.9853**, and if you desaturate by 10%, it is **126.0960, 7.8407, 5.1778**.

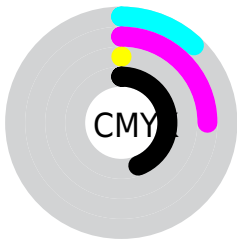
Distribution



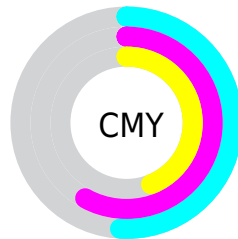
- Red (49%)
- Green (42%)
- Blue (56%)



- Red (49%)
- Yellow (42%)
- Blue (56%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7850, 12.9240, 8.0816 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 115.7850, 12.9240, 8.0816 by changing the saturation by 10% instead.

■ 115.7850, 12.9240,
8.0816

■ 115.7850, 12.9240,
8.0816

■ 255.0000, 0.0000,
0.0000

■ 91.2580, 12.1978,
7.6667

■ 167.7250, 13.9396,
9.0112

■ 67.8450, 11.9084,
7.1519

■ 195.1380, 14.2290,
9.5260

■ 45.0190, 11.3296,
6.1223

■ 223.1380, 14.2290,
9.5260

■ 23.9050, 10.8928,
6.2223

■ 246.1950, 4.3409,
7.7220

■ 2.8500, 10.9200,
-2.4994

■ 0.0000, 0.0000,
0.0000

■ 115.7850, 12.9240,
8.0816

■ 115.7850, 12.9240,
8.0816

■ 105.4740, 18.0073,
10.9853

■ 126.0960, 7.8407,
5.1778

■ 95.4620, 22.9432,
14.5038

■ 136.1080, 2.9048,
1.6593

■ 84.5640, 28.3159,
17.9224

■ 147.0060, -2.4680,
-1.7593

■ 74.2530, 33.3993,
20.8261

■ 157.3170, -7.5513,
-4.6630

■ 63.9420, 38.4826,
23.7299

■ 167.6280,
-12.6346, -7.5668

■ 53.9300, 43.4185,
27.2484

■ 177.6400,
-17.5705, -11.0853

■ 43.6190, 48.5018,
30.1521


■ 187.9510,
-22.6538, -13.9890

■ 38.6130, 50.9698,

■ 198.8490,

31.9114

-28.0266, -17.4076

 208.8610,
-32.9625, -20.9261

Harmonies

Analogous

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



113.0320, 18.2252, -12.3061



115.7850, 12.9240, 8.0816



116.4080, 4.7289, 23.3212

Triad

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



115.7850, 12.9240, 8.0816



113.2510, -17.3787, 20.8279



103.5110, 8.1291, -40.7901

Complementary

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



115.7850, 12.9240, 8.0816



132.2150, -12.9240, -8.0816

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.



106.4390, -2.6814, -26.6950



115.7850, 12.9240, 8.0816



111.4620, -17.4828, 7.4878

Square

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



115.7850, 12.9240, 8.0816



114.5710, -12.6065, 30.1942



109.3180, -12.4818, -9.9259



103.1930, 17.1599, -44.0193

Rectangle

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



115.7850, 12.9240, 8.0816



115.8450, -1.4026, 29.9539



109.3180, -12.4818, -9.9259



104.5070, 4.1870, -36.4016

Sweetspot

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



115.7850, 12.9240, 8.0816



173.1020, 5.3727, 3.4185



120.0830, 10.8051, -12.3508



85.2220, 3.3416, 1.5593



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.



115.7850, 12.9240, 8.0816



143.9410, 19.7491, 12.3297



120.7540, 9.9813, 18.6327



65.9940, 2.4680, 1.7593



36.6190, 48.5018, 30.1521



2.1080, 2.9048, 1.6593

Inverse Universe

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



118.7020, 2.1189, 20.4323



148.4090, 3.2494, 31.2133



127.2460, -9.9813, -18.6327



66.5490, 0.7153, 3.9035



47.6610, 8.0551, 76.5963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 115.7850, 12.9240, 8.0816 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 115.7850, 12.9240, 8.0816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

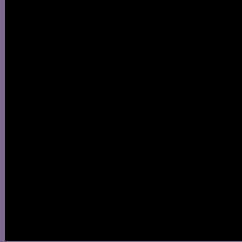
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.7850, 12.9240, 8.0816

Background



This preview shows how black text looks on a background with the YUV color 115.7850, 12.9240, 8.0816.



This preview shows how white text looks on a background with the YUV color 115.7850, 12.9240,

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

115.7850, 12.9240, 8.0816

Protanopia

113.7830, 15.8830, -7.7027

Deuteranopia

114.1210, 13.2513, -3.6141



Tritanopia

114.3150, 2.3097, 5.8627

Trichromacy



Original Color

115.7850, 12.9240, 8.0816

Protanomaly

114.5880, 14.9931, -2.2697

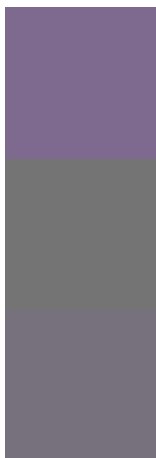
Deuteranomaly

114.4420, 13.0931, 0.4894

Tritanomaly

114.9390, 5.9461, 6.1925

Monochromacy



Original Color

115.7850, 12.9240, 8.0816

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.5750, 4.6465, 3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7850, 12.9240, 8.0816 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(125, 106, 142)` looks like.

```
.text, #text, p{  
    color:rgb(125, 106, 142)  
}
```

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(125, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 106, 142) }
```

Border

The CSS property to change the border of an element to YUV 115.7850, 12.9240, 8.0816 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(125, 106, 142) }
```


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

```
.border{ border-color:rgb(125, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(125, 106,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 115.7850, 12.9240, 8.0816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 106, 142) }
```

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

```
.background{ background-color: rgb(125,  
106, 142) }
```

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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