

Converting Colors

YUV(111.0750, 26.5850,
13.0892)

Have a look what the booklet for
YUV(111.0750, 26.5850, 13.0892)
contains.

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Color

**YUV(111.0750, 26.5850,
13.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5DA5
RGB	126, 93, 165
RGB Percent	49%, 36%, 65%
CMY	0.5059, 0.6353, 0.3529
CMYK	0.24, 0.44, 0.00, 0.35
HSL	268°, 29%, 51%
HSV	268°, 44%, 65%
XYZ	19.3101, 14.9809, 37.4712
YIQ	111.0750, -3.4440, 29.3880

Conversions

Conversions Part 2

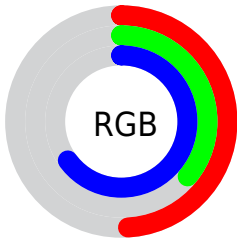
Format	Color
R_{YB}	126, 93, 165
Decimal	8281509
CIE _{Lab}	45.61, 28.38, -33.93
CIE _{LCh}	46, 44.240, 309.910
Yxy	14.9809, 0.2691, 0.2088
Android (android.graphics.Color)	4286471589 (0xFF7E5DA5)
YUV	111.0750, 26.5850, 13.0892
Hunter-Lab	38.7052, 21.3197, -30.3060

Details

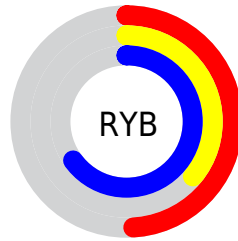
The YUV color **111.0750, 26.5850, 13.0892** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.9250, -26.5850, -13.0892**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4280, 27.8900, 14.5336**, and **62.3090, 24.9907, 11.1300** is the 20% darker color. If you saturate the color by 10%, you get **98.4050, 32.8313, 16.3078**, and if you desaturate by 10%, it is **123.1580, 20.6281, 10.3854**.

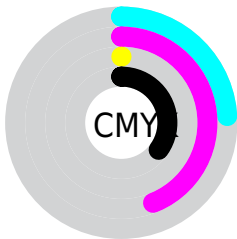
Distribution



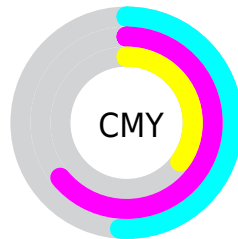
- Red (49%)
- Green (36%)
- Blue (65%)



- Red (49%)
- Yellow (36%)
- Blue (65%)



- Cyan (24%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0750, 26.5850, 13.0892 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 111.0750, 26.5850, 13.0892 by changing the saturation by 10% instead.

■ 111.0750, 26.5850,
13.0892

■ 111.0750, 26.5850,
13.0892

■ 255.0000, 0.0000,
0.0000

■ 86.1350, 25.5694,
12.1596

■ 163.4280, 27.8900,
14.5336

■ 62.3090, 24.9907,
11.1300

■ 190.9550, 28.6162,
14.9485

■ 39.0700, 24.1225,
9.5856

■ 216.1590, 19.1486,
18.2776

■ 16.2440, 23.5437,
8.5560

■ 237.9770, 8.3923,
14.9292

■ 4.7880, 18.3455,
-4.1991

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 111.0750, 26.5850,
13.0892

■ 111.0750, 26.5850,
13.0892

■ 98.4050, 32.8313,
16.3078

■ 123.1580, 20.6281,
10.3854

■ 86.3220, 38.7883,
19.0116

■ 135.8280, 14.3818,
7.1668

■ 73.6520, 45.0346,
22.2302

■ 147.9110, 8.4249,
4.4631

■ 61.5690, 50.9915,
24.9340

■ 160.5810, 2.1786,
1.2445

■ 48.8990, 57.2378,
28.1526

■ 172.6640, -3.7784,
-1.4593

■ 41.5340, 60.8687,
30.2267

■ 185.3340,
-10.0247, -4.6779

■ 197.4170,
-15.9816, -7.3817

■ 209.7880,
-22.0805, -11.2151

■ 221.8710,
-28.0374, -13.9189

Harmonies

Analogous

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



101.6710, 39.1092, -37.4225



111.0750, 26.5850, 13.0892



110.0870, 11.7891, 45.5277

Triad

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



111.0750, 26.5850, 13.0892



105.2950, -34.1624, 37.4523



87.6420, 15.9525, -76.8620

Complementary

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



111.0750, 26.5850, 13.0892



146.9250, -26.5850, -13.0892

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.



82.0220, -0.5038, -71.9333



111.0750, 26.5850, 13.0892



102.5600, -36.2651, 11.7869

Square

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



111.0750, 26.5850, 13.0892



106.6190, -21.9972, 55.5851



98.0490, -24.6742, -19.3370



90.4580, 31.8192, -79.3317

Rectangle

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



111.0750, 26.5850, 13.0892



108.0040, 0.9840, 57.8785



98.0490, -24.6742, -19.3370



86.1600, 10.2741, -75.5623

Sweetspot

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



111.0750, 26.5850, 13.0892



193.0790, 10.3141, 5.1927



124.6880, 19.8738, -27.7904



94.3300, 6.2463, 3.2186



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



111.0750, 26.5850, 13.0892



130.9030, 40.9668, 20.2561



121.5400, 21.4258, 34.6064



75.2220, 3.3416, 1.5593



36.5630, 53.4594, 26.6932



4.4440, 6.6831, 3.1186

Inverse Universe

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



118.9740, 6.4218, 40.3648



143.0290, 9.8457, 62.2416



136.4600, -21.4258, -34.6064



76.2610, 0.8573, 5.0331



52.3610, 13.1330, 81.2444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 111.0750, 26.5850, 13.0892 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 111.0750, 26.5850, 13.0892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

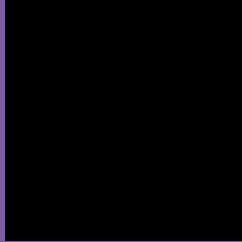
Any Text WCAG AA × Fail

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 111.0750, 26.5850, 13.0892 Background



This preview shows how black text looks on a background with the YUV color 111.0750, 26.5850, 13.0892.



This preview shows how white text looks on a background with the YUV color 111.0750, 26.5850,

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

111.0750, 26.5850, 13.0892

Protanopia

106.2060, 34.4084, -22.9827

Deuteranopia

106.9800, 27.1249, -20.1535



Tritanopia

109.5000, 1.7255, 6.5775

Trichromacy



Original Color

111.0750, 26.5850, 13.0892

Protanomaly

107.8980, 31.6023, -9.5575

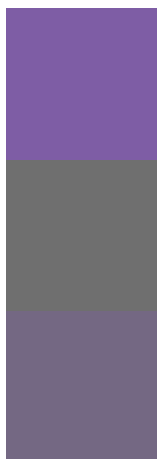
Deuteranomaly

108.6440, 26.7975, -8.4578

Tritanomaly

110.2150, 10.7400, 8.5814

Monochromacy



Original Color

111.0750, 26.5850, 13.0892

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.6660, 10.0247, 4.6779

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0750, 26.5850, 13.0892 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(126, 93, 165)` looks like.

```
.text, #text, p{  
    color:rgb(126, 93, 165)  
}
```

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(126, 93, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 93, 165) }
```

Border

The CSS property to change the border of an element to YUV 111.0750, 26.5850, 13.0892 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(126, 93, 165) }
```


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

```
.border{ border-color:rgb(126, 93, 165) }
```

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

Here you see how a box with a 4 pixel rgb(126, 93, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 93, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 93, 165);  
box-shadow:4px 4px 4px 4px rgb(126, 93,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 111.0750, 26.5850, 13.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 93, 165) }
```

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

```
.background{ background-color: rgb(126, 93,  
165) }
```

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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