

Converting Colors

YUV(133.2870, 25.0015, 7.6413)

Have a look what the booklet for
YUV(133.2870, 25.0015, 7.6413)
contains.

YUV(133.2870, 25.0015, 7.6413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.2870, 25.0015,
7.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	8E77B8
RGB	142, 119, 184
RGB Percent	56%, 47%, 72%
CMY	0.4431, 0.5333, 0.2784
CMYK	0.23, 0.35, 0.00, 0.28
HSL	261°, 31%, 59%
HSV	261°, 35%, 72%
XYZ	26.4039, 22.4051, 48.2804
YIQ	133.2870, -7.1570, 25.0910

Conversions

Conversions Part 2

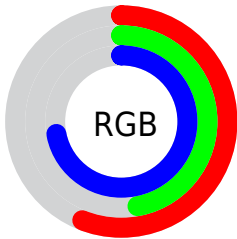
Format	Color
R_{YB}	142, 119, 184
Decimal	9336760
CIE _{Lab}	54.45, 22.56, -31.04
CIE _{LCh}	54, 38.373, 306.018
Yxy	22.4051, 0.2720, 0.2308
Android (android.graphics.Color)	4287526840 (0xFF8E77B8)
YUV	133.2870, 25.0015, 7.6413
Hunter-Lab	47.3341, 16.7363, -27.3415

Details

The YUV color **133.2870, 25.0015, 7.6413** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **169.7130, -25.0015, -7.6413**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6400, 26.3065, 9.0857**, and **82.9340, 23.6965, 6.1969** is the 20% darker color. If you saturate the color by 10%, you get **119.1330, 31.9794, 9.5304**, and if you desaturate by 10%, it is **147.4410, 18.0236, 5.7522**.

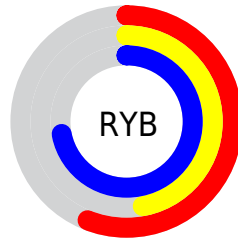
Distribution



Red (56%)

Green (47%)

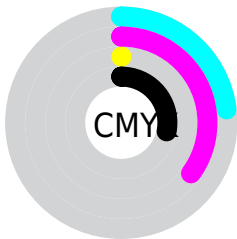
Blue (72%)



Red (56%)

Yellow (47%)

Blue (72%)

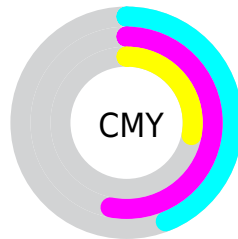


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2870, 25.0015, 7.6413 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 133.2870, 25.0015, 7.6413 by changing the saturation by 10% instead.

■ 133.2870, 25.0015,
7.6413

■ 133.2870, 25.0015,
7.6413

255.0000, 0.0000,
0.0000

■ 107.7600, 24.2753,
7.2265

■ 186.6400, 26.3065,
9.0857

■ 82.9340, 23.6965,
6.1969

■ 213.1580, 20.6281,
10.3854

■ 59.5810, 22.3916,
4.7525

■ 238.2650, 8.2504,
13.7996

■ 36.7550, 21.8128,
3.7229

■ 13.6410, 21.3760,
3.8228

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 133.2870, 25.0015,
7.6413

■ 133.2870, 25.0015,
7.6413

■ 119.1330, 31.9794,
9.5304

■ 147.4410, 18.0236,
5.7522

■ 104.3920, 39.2467,
11.9342

■ 162.1820, 10.7563,
3.3484

■ 90.2380, 46.2247,
13.8233

■ 176.3360, 3.7784,
1.4593

■ 75.4970, 53.4920,
16.2271

■ 191.0770, -3.4890,
-0.9445

■ 61.6420, 60.3225,
18.7310

■ 204.9320,
-10.3195, -3.4484

47.4880, 67.3004,
20.6200

219.0860,
-17.2974, -5.3374

40.4110, 70.7894,
21.5646

233.8270,
-24.5647, -7.7413

241.5240,
-28.3593, -3.9675

245.1120,
-30.1282, 3.4098

Harmonies

Analogous

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



125.5530, 34.7304, -32.9340



133.2870, 25.0015, 7.6413



133.7440, 11.9582, 37.9355

Triad

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



133.2870, 25.0015, 7.6413



129.2610, -29.2157, 37.4821



101.7930, 16.8641, -89.2725

Complementary

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



133.2870, 25.0015, 7.6413



169.7130, -25.0015, -7.6413

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.



116.1780, -6.9898, -44.8831



133.2870, 25.0015, 7.6413



127.0210, -32.0554, 14.8906

Square

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



133.2870, 25.0015, 7.6413



130.8080, -18.6393, 51.9114



123.3210, -23.8223, -12.5595



104.8540, 31.1310, -91.9570

Rectangle

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



133.2870, 25.0015, 7.6413



132.4760, 1.7373, 49.5715



123.3210, -23.8223, -12.5595



102.9310, 10.8800, -83.2545

Sweetspot

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



133.2870, 25.0015, 7.6413



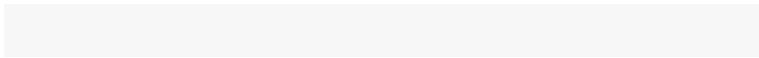
219.0680, 10.3195, 3.4484



151.0640, 16.2374, -28.1201



107.6180, 6.1043, 2.0890



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



133.2870, 25.0015, 7.6413



161.2780, 38.8099, 12.0342



142.8550, 20.2845, 27.3142



84.9230, 3.4890, 0.9445



34.2290, 60.0331, 18.2162



6.1820, 10.7563, 3.3484

Inverse Universe

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



143.2230, 8.7641, 35.7614



176.6090, 13.5038, 55.5939



160.1450, -20.2845, -27.3142



86.3750, 1.2941, 4.9331



58.1580, 21.1211, 85.8074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 133.2870, 25.0015, 7.6413 looks on a white background.

Color Contrast Check

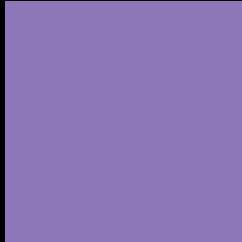
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.2870, 25.0015, 7.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

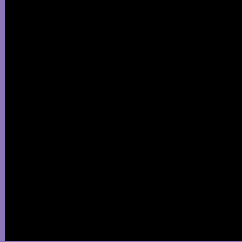
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.2870, 25.0015, 7.6413

Background



This preview shows how black text looks on a background with the YUV color 133.2870, 25.0015, 7.6413.



This preview shows how white text looks on a background with the YUV color 133.2870, 25.0015,

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

133.2870, 25.0015, 7.6413

Protanopia

129.5010, 30.3190, -17.9794

Deuteranopia

130.2580, 25.5088, -15.1353



Tritanopia

130.9340, 3.4835, 2.6889

Trichromacy



Original Color

133.2870, 25.0015, 7.6413

Protanomaly

130.9860, 28.1079, -8.7577

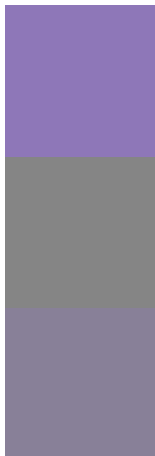
Deuteranomaly

131.3130, 25.4817, -6.4135

Tritanomaly

132.0080, 11.3351, 4.3780

Monochromacy



Original Color

133.2870, 25.0015, 7.6413

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2870, 25.0015, 7.6413 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(142, 119, 184)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 184)  
}
```

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(142, 119, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 184) }
```

Border

The CSS property to change the border of an element to YUV 133.2870, 25.0015, 7.6413 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(142, 119, 184) }
```


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

```
.border{ border-color:rgb(142, 119, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 184);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 133.2870, 25.0015, 7.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 184) }
```

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

```
.background{ background-color: rgb(142,  
119, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor