

Converting Colors

YUV(145.9750, 14.8023,
12.2999)

Have a look what the booklet for
YUV(145.9750, 14.8023, 12.2999)
contains.

YUV(145.9750, 14.8023, 12.2999)	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(145.9750, 14.8023,
12.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	A085B0
RGB	160, 133, 176
RGB Percent	63%, 52%, 69%
CMY	0.3725, 0.4784, 0.3098
CMYK	0.09, 0.24, 0.00, 0.31
HSL	278°, 21%, 61%
HSV	278°, 24%, 69%
XYZ	30.7212, 27.3832, 44.7406
YIQ	145.9750, 2.2890, 19.0970

Conversions

Conversions Part 2

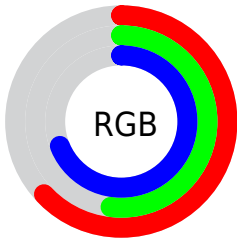
Format	Color
RYB	160, 133, 176
Decimal	10519984
CIELab	59.33, 18.45, -18.81
CIELCh	59, 26.352, 314.444
Yxy	27.3832, 0.2987, 0.2663
Android (android.graphics.Color)	4288710064 (0xFFA085B0)
YUV	145.9750, 14.8023, 12.2999
Hunter-Lab	52.3290, 13.2177, -14.0619

Details

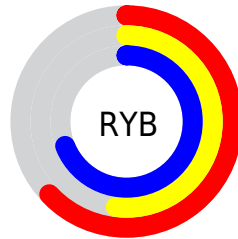
The YUV color **145.9750, 14.8023, 12.2999** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **163.0250, -14.8023, -12.2999**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9150, 15.8179, 13.2295**, and **95.0350, 13.7867, 11.3703** is the 20% darker color. If you saturate the color by 10%, you get **133.3160, 21.0432, 17.2629**, and if you desaturate by 10%, it is **158.6340, 8.5614, 7.3370**.

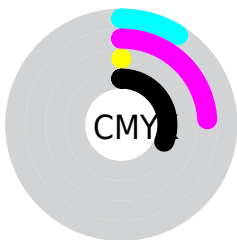
Distribution



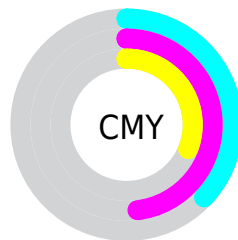
- Red (63%)
- Green (52%)
- Blue (69%)



- Red (63%)
- Yellow (52%)
- Blue (69%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)





- Cyan (37%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.9750, 14.8023, 12.2999 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 145.9750, 14.8023, 12.2999 by changing the saturation by 10% instead.


 145.9750, 14.8023,
12.2999


 145.9750, 14.8023,
12.2999


255.0000, 0.0000,
0.0000

 120.4480, 14.0761,
11.8851


 199.9150, 15.8179,
13.2295


 95.0350, 13.7867,
11.3703


 227.6440, 13.4865,
14.3442

 71.2090, 13.2080,
10.3407

 247.3690, 3.7621,
6.6924

 48.6820, 12.4818,
9.9259

 26.9700, 12.3398,
8.7963

 8.9160, 10.8874,
7.9667

 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 145.9750, 14.8023,
12.2999

■ 145.9750, 14.8023,
12.2999

■ 133.3160, 21.0432,
17.2629

■ 158.6340, 8.5614,
7.3370

■ 121.5430, 26.8473,
22.3258

■ 170.4070, 2.7573,
2.2741

■ 108.8840, 33.0882,
27.2887

■ 183.0660, -3.4835,
-2.6889

■ 97.1110, 38.8923,
32.3517

■ 194.8390, -9.2876,
-7.7518

■ 84.4520, 45.1332,
37.3146

■ 207.4980,
-15.5285, -12.7147

72.0920, 51.2266,
42.8923

219.8580,
-21.6220, -18.2925

60.0200, 57.1781,
47.3405

231.3430,
-27.2841, -22.2258

53.2530, 60.5143,
50.6441

233.1370,
-28.1685, -18.5371

235.2300,
-29.2004, -14.2337

Harmonies

Analogous

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



142.6560, 21.8616, -11.9763



145.9750, 14.8023, 12.2999



146.4520, 4.7072, 30.2986

Triad

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



145.9750, 14.8023, 12.2999



142.5350, -21.4628, 24.0868



130.9550, 11.3612, -50.8265

Complementary

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



145.9750, 14.8023, 12.2999



163.0250, -14.8023, -12.2999

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.



134.2100, -2.0755, -34.3872



145.9750, 14.8023, 12.2999



140.5390, -20.9717, 6.5433

Square

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



145.9750, 14.8023, 12.2999



144.2790, -16.4065, 35.7123



137.5410, -14.0707, -13.6295



131.4630, 20.9707, -53.0261

Rectangle

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



145.9750, 14.8023, 12.2999



146.1340, -3.0241, 36.7165



137.5410, -14.0707, -13.6295



131.8370, 6.9824, -46.3380

Sweetspot

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



145.9750, 14.8023, 12.2999



218.2270, 5.8041, 5.0629



147.2940, 14.1521, -12.5358



108.5210, 3.1941, 2.1741



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



145.9750, 14.8023, 12.2999



183.1960, 23.0744, 19.1221



150.1890, 10.2598, 22.6362



82.8200, 3.0467, 2.7889



46.1460, 52.6790, 43.7220



7.7480, 8.9982, 7.2370

Inverse Universe

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



147.6810, 0.6503, 24.8358



185.8830, 1.0437, 38.6906



158.8110, -10.2598, -22.6362



83.1470, 0.4205, 5.1331



52.2450, 2.3442, 88.3621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 145.9750, 14.8023, 12.2999 looks on a white background.

Color Contrast Check

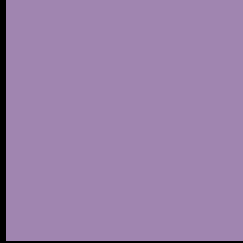
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.9750, 14.8023, 12.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

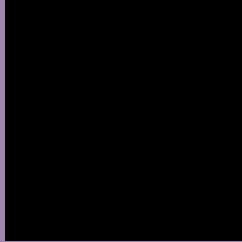
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.9750, 14.8023, 12.2999

Background



This preview shows how black text looks on a background with the YUV color 145.9750, 14.8023, 12.2999.



This preview shows how white text looks on a background with the YUV color 145.9750, 14.8023, 12.2999.

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

145.9750, 14.8023, 12.2999

Protanopia

143.2820, 19.0880, -9.0173

Deuteranopia

144.2890, 15.1405, -2.8845



Tritanopia

144.6360, 2.1515, 9.9662

Trichromacy



Original Color

145.9750, 14.8023, 12.2999

Protanomaly

144.2830, 17.6085, -1.1252

Deuteranomaly

144.6210, 14.9768, 2.9634

Tritanomaly

144.9010, 6.9508, 10.6108

Monochromacy



Original Color

145.9750, 14.8023, 12.2999

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9750, 14.8023, 12.2999 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(160, 133, 176)` looks like.

```
.text, #text, p{  
    color:rgb(160, 133, 176)  
}
```

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(160, 133, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 133, 176) }
```

Border

The CSS property to change the border of an element to YUV 145.9750, 14.8023, 12.2999 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(160, 133, 176) }
```


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

```
.border{ border-color:rgb(160, 133, 176) }
```

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

Here you see how a box with a 4 pixel rgb(160, 133, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 133, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 133, 176);  
box-shadow:4px 4px 4px 4px rgb(160, 133,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 145.9750, 14.8023, 12.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 133, 176) }
```

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

```
.background{ background-color: rgb(160,  
133, 176) }
```

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