

Converting Colors

YUV(144.8780, 15.3431,
25.5400)

Have a look what the booklet for
YUV(144.8780, 15.3431, 25.5400)
contains.

YUV(144.8780, 15.3431, 25.5400)	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(144.8780, 15.3431,
25.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7CB0
RGB	174, 124, 176
RGB Percent	68%, 49%, 69%
CMY	0.3176, 0.5137, 0.3098
CMYK	0.01, 0.30, 0.00, 0.31
HSL	298°, 25%, 59%
HSV	298°, 30%, 69%
XYZ	32.4997, 26.5486, 44.4858
YIQ	144.8780, 13.1080, 26.7720

Conversions

Conversions Part 2

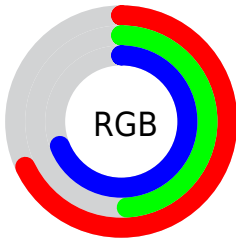
Format	Color
RYB	174, 124, 176
Decimal	11435184
CIELab	58.55, 28.28, -19.86
CIELCh	59, 34.561, 324.918
Yxy	26.5486, 0.3139, 0.2564
Android (android.graphics.Color)	4289625264 (0xFFAE7CB0)
YUV	144.8780, 15.3431, 25.5400
Hunter-Lab	51.5253, 22.4200, -15.1219

Details

The YUV color **144.8780, 15.3431, 25.5400** is a light color, and the websafe version is hex **996699**. A complement of this color would be **155.1220, -15.3431, -25.5400**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1170, 16.2113, 27.0844**, and **93.6390, 14.4750, 23.9956** is the 20% darker color. If you saturate the color by 10%, you get **134.0130, 20.6996, 34.1916**, and if you desaturate by 10%, it is **155.7430, 9.9867, 16.8884**.

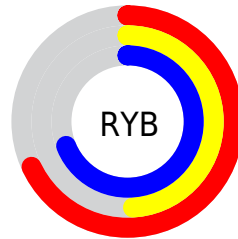
Distribution



Red (68%)

Green (49%)

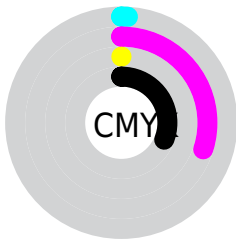
Blue (69%)



Red (68%)

Yellow (49%)

Blue (69%)

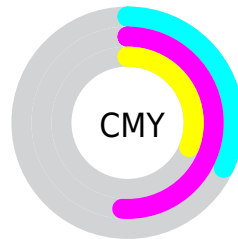


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (51%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.8780, 15.3431, 25.5400 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 144.8780, 15.3431, 25.5400 by changing the saturation by 10% instead.


 144.8780, 15.3431,
25.5400


 144.8780, 15.3431,
25.5400


255.0000, 0.0000,
0.0000


 119.0520, 14.7644,
24.5104


 199.1170, 16.2113,
27.0844


 93.6390, 14.4750,
23.9956

 225.6500, 14.4696,
25.7400

 69.5140, 14.0436,
22.3512

 242.0860, 6.3666,
11.3256

 46.1010, 13.7542,
21.8364

 22.8020, 13.9016,
21.2216

 11.6070, 9.5607,
13.4997

 0.0000, 0.0000,

0.0000

■ 144.8780, 15.3431,
25.5400

■ 144.8780, 15.3431,
25.5400

■ 134.0130, 20.6996,
34.1916

■ 155.7430, 9.9867,
16.8884

■ 124.0340, 25.6192,
42.9432

■ 165.7220, 5.0671,
8.1368

■ 113.1690, 30.9757,
51.5948

■ 176.5870, -0.2894,
-0.5148

■ 102.8910, 36.0427,
59.7316

■ 186.8650, -5.3564,
-8.6516

■ 92.3250, 41.2518,
68.9980

■ 197.4310,
-10.5655, -17.9180

■ 81.4600, 46.6082,
77.6496

■ 208.2960,
-15.9219, -26.5696

■ 71.1820, 51.6753,
85.7864

■ 218.5740,
-20.9890, -34.7064

■ 70.5950, 51.9647,
86.3012

■ 223.2700,
-23.3041, -38.8248

■ 223.5690,
-23.4515, -38.2100

Harmonies

Analogous

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



142.5520, 26.3499, -4.8691



144.8780, 15.3431, 25.5400



143.7420, 1.6062, 44.9533

Triad

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



144.8780, 15.3431, 25.5400



138.8740, -29.0249, 22.9125



110.9690, 26.6373, -97.3198

Complementary

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



144.8780, 15.3431, 25.5400



155.1220, -15.3431, -25.5400

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.



124.1790, 4.8418, -59.7930



144.8780, 15.3431, 25.5400



136.3440, -25.3126, -1.1787

Square

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



144.8780, 15.3431, 25.5400



141.2490, -24.2798, 41.0006



131.3820, -13.0063, -28.3990



116.5540, 36.2089, -87.3089

Rectangle

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



144.8780, 15.3431, 25.5400



142.9570, -7.8668, 50.0267



131.3820, -13.0063, -28.3990



113.7160, 20.3530, -88.3279

Sweetspot

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



144.8780, 15.3431, 25.5400



217.3740, 6.2246, 10.1960



131.6890, 21.8453, -6.7433



107.0700, 3.9095, 6.0776



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.



144.8780, 15.3431, 25.5400



181.2570, 24.0303, 39.2396



142.8540, 5.0020, 29.0690



83.7170, 2.6045, 4.6332



61.3950, 45.1613, 75.0756



10.4390, 7.6716, 12.7700

Inverse Universe

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



139.7760, -6.7916, 31.7684



173.5610, -10.6296, 49.4970



157.1460, -5.0020, -29.0690



82.8050, -0.8899, 5.4330



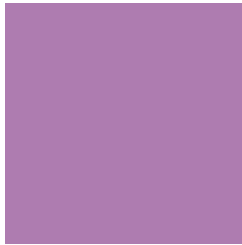
46.4310, -19.9325, 93.4610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 144.8780, 15.3431, 25.5400 looks on a white background.

Color Contrast Check

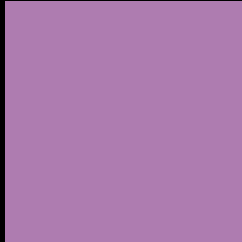
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.8780, 15.3431, 25.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

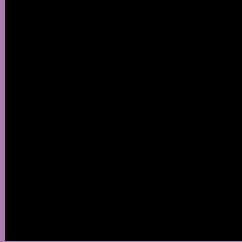
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.8780, 15.3431, 25.5400

Background



This preview shows how black text looks on a background with the YUV color 144.8780, 15.3431, 25.5400.



This preview shows how white text looks on a background with the YUV color 144.8780, 15.3431,

25.5400.

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

144.8780, 15.3431, 25.5400

Protanopia

141.1830, 22.5878, -11.5615

Deuteranopia

142.2890, 15.1405, -2.8845



Tritanopia

143.5020, -1.2335, 22.3617

Trichromacy



Original Color

144.8780, 15.3431, 25.5400

Protanomaly

142.8750, 19.7816, 1.8636

Deuteranomaly

143.3550, 15.1080, 7.5817

Tritanomaly

143.8210, 5.0182, 23.8360

Monochromacy



Original Color

144.8780, 15.3431, 25.5400

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.8780, 15.3431, 25.5400 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(174, 124, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 124, 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(174, 124, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 124, 176) }
```

Border

The CSS property to change the border of an element to YUV 144.8780, 15.3431, 25.5400 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(174, 124, 176) }
```


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

```
.border{ border-color:rgb(174, 124, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 124, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 124, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 124, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 124,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 144.8780, 15.3431, 25.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 124, 176) }
```

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

```
.background{ background-color: rgb(174,  
124, 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