

Converting Colors

YUV(139.1660, 15.2012,
24.4104)

Have a look what the booklet for
YUV(139.1660, 15.2012, 24.4104)
contains.

YUV(139.1660, 15.2012, 24.4104)	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(139.1660, 15.2012,
24.4104)**

Conversions

Conversions Part 1

Format	Color
Hex	A777AA
RGB	167, 119, 170
RGB Percent	65%, 47%, 67%
CMY	0.3451, 0.5333, 0.3333
CMYK	0.02, 0.30, 0.00, 0.33
HSL	296°, 23%, 57%
HSV	296°, 30%, 67%
XYZ	29.7889, 24.3114, 41.1527
YIQ	139.1660, 12.2370, 26.0370

Conversions

Conversions Part 2

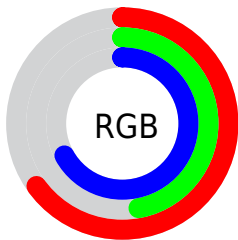
Format	Color
RYB	167, 119, 170
Decimal	10975146
CIELab	56.40, 27.57, -19.78
CIELCh	56, 33.931, 324.346
Yxy	24.3114, 0.3127, 0.2552
Android (android.graphics.Color)	4289165226 (0xFFA777AA)
YUV	139.1660, 15.2012, 24.4104
Hunter-Lab	49.3066, 21.5552, -14.9705

Details

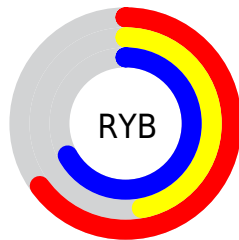
The YUV color **139.1660, 15.2012, 24.4104** is a light color, and the websafe version is hex **996699**. A complement of this color would be **149.8340, -15.2012, -24.4104**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2910, 15.6325, 26.0548**, and **88.6280, 14.4804, 22.2512** is the 20% darker color. If you saturate the color by 10%, you get **128.8880, 20.2682, 32.5472**, and if you desaturate by 10%, it is **149.4440, 10.1341, 16.2736**.

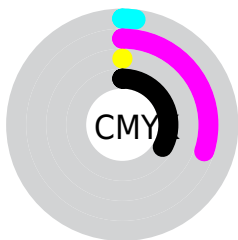
Distribution



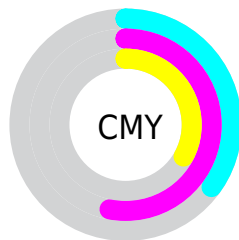
- Red (65%)
- Green (47%)
- Blue (67%)



- Red (65%)
- Yellow (47%)
- Blue (67%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1660, 15.2012, 24.4104 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 139.1660, 15.2012, 24.4104 by changing the saturation by 10% instead.

■ 139.1660, 15.2012,
24.4104

■ 139.1660, 15.2012,
24.4104

■ 255.0000, 0.0000,
0.0000

■ 113.3400, 14.6224,
23.3808

■ 193.2910, 15.6325,
26.0548

■ 88.6280, 14.4804,
22.2512

■ 221.1170, 16.2113,
27.0844

■ 64.2150, 14.1910,
21.7364

■ 239.1510, 7.8136,
13.8996

■ 41.3890, 13.6122,
20.7068

■ 18.5030, 14.0490,
20.6069

■ 7.4490, 9.1456,
6.6222

■ 0.0000, 0.0000,

0.0000

■ 139.1660, 15.2012,
24.4104

■ 139.1660, 15.2012,
24.4104

■ 128.8880, 20.2682,
32.5472

■ 149.4440, 10.1341,
16.2736

■ 118.6100, 25.3353,
40.6840

■ 159.7220, 5.0671,
8.1368

■ 108.3320, 30.4023,
48.8208

■ 170.0000, 0.0000,
0.0000

■ 98.0540, 35.4694,
56.9576

■ 180.2780, -5.0671,
-8.1368

■ 87.7760, 40.5364,
65.0944

■ 190.5560,
-10.1341, -16.2736

■ 77.4980, 45.6035,
73.2313

■ 200.8340,
-15.2012, -24.4104

67.2200, 50.6705,
81.3681

211.1120,
-20.2682, -32.5472

221.3900,
-25.3353, -40.6840

221.6890,
-25.4827, -40.0693

Harmonies

Analogous

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



136.7260, 25.7711, -5.8987



139.1660, 15.2012, 24.4104



138.1440, 1.9010, 43.7237

Triad

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



139.1660, 15.2012, 24.4104



133.6890, -28.4407, 22.1977



106.7630, 25.7528, -93.6312

Complementary

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



139.1660, 15.2012, 24.4104



149.8340, -15.2012, -24.4104

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.



119.0760, 4.3995, -57.9487



139.1660, 15.2012, 24.4104



130.7570, -25.0232, -0.6639

Square

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



139.1660, 15.2012, 24.4104



135.1780, -23.2588, 40.1859



126.0940, -12.8643, -27.2694



108.5320, 36.2197, -90.7976

Rectangle

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



139.1660, 15.2012, 24.4104



137.3590, -7.5720, 48.7972



126.0940, -12.8643, -27.2694



107.7160, 20.3530, -88.3279

Sweetspot

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



139.1660, 15.2012, 24.4104



209.9610, 5.9352, 9.6812



126.5750, 21.4085, -6.6433



104.6570, 3.6201, 5.5628



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



139.1660, 15.2012, 24.4104



173.5450, 23.8883, 38.1100



137.5550, 5.1494, 28.4543



79.3040, 2.3151, 4.1184



58.4330, 44.1565, 70.6573



7.9610, 5.9352, 9.6812

Inverse Universe

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



134.5910, -6.2074, 31.0537



166.4900, -9.6086, 48.6823



151.4450, -5.1494, -28.4543



78.3920, -1.1793, 4.9182



45.2780, -17.8851, 90.0872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 139.1660, 15.2012, 24.4104 looks on a white background.

Color Contrast Check

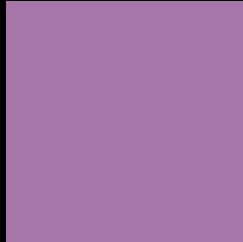
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1660, 15.2012, 24.4104 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 139.1660, 15.2012, 24.4104

Background



This preview shows how black text looks on a background with the YUV color 139.1660, 15.2012, 24.4104.



This preview shows how white text looks on a background with the YUV color 139.1660, 15.2012,

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

139.1660, 15.2012, 24.4104

Protanopia

135.7700, 22.2984, -12.0763

Deuteranopia

136.8760, 14.8511, -3.3993



Tritanopia

137.7900, -1.3755, 21.2322

Trichromacy



Original Color

139.1660, 15.2012, 24.4104

Protanomaly

137.1630, 19.6396, 0.7340

Deuteranomaly

137.6430, 14.9660, 6.4521

Tritanomaly

138.1090, 4.8763, 22.7064

Monochromacy



Original Color

139.1660, 15.2012, 24.4104

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.1350, 5.3564, 8.6516

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1660, 15.2012, 24.4104 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(167, 119, 170)` looks like.

```
.text, #text, p{  
    color:rgb(167, 119, 170)  
}
```

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(167, 119, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 119, 170) }
```

Border

The CSS property to change the border of an element to YUV 139.1660, 15.2012, 24.4104 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(167, 119, 170) }
```


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

```
.border{ border-color:rgb(167, 119, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 119, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 119, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 119, 170);  
box-shadow:4px 4px 4px 4px rgb(167, 119,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 139.1660, 15.2012, 24.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 119, 170) }
```

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

```
.background{ background-color: rgb(167,  
119, 170) }
```

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