

Converting Colors

YUV(119.0440, 16.7403,
-2.6696)

Have a look what the booklet for
YUV(119.0440, 16.7403, -2.6696)
contains.

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Color

**YUV(119.0440, 16.7403,
-2.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	747299
RGB	116, 114, 153
RGB Percent	45%, 45%, 60%
CMY	0.5451, 0.5529, 0.4000
CMYK	0.24, 0.25, 0.00, 0.40
HSL	243°, 16%, 52%
HSV	243°, 25%, 60%
XYZ	18.9695, 18.0475, 32.6207
YIQ	119.0440, -11.3270, 12.5530

Conversions

Conversions Part 2

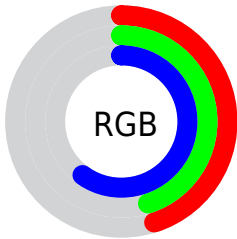
Format	Color
R_{YB}	116, 114, 153
Decimal	7631513
CIE _{Lab}	49.55, 9.64, -20.80
CIE _{LCh}	50, 22.927, 294.859
Yxy	18.0475, 0.2724, 0.2592
Android (android.graphics.Color)	4285821593 (0xFF747299)
YUV	119.0440, 16.7403, -2.6696
Hunter-Lab	42.4824, 5.3609, -15.7890

Details

The YUV color **119.0440, 16.7403, -2.6696** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.9560, -16.7403, 2.6696**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5710, 17.4665, -2.2548**, and **70.4030, 15.5773, -2.9844** is the 20% darker color. If you saturate the color by 10%, you get **105.7540, 23.2923, -4.1693**, and if you desaturate by 10%, it is **132.3340, 10.1883, -1.1699**.

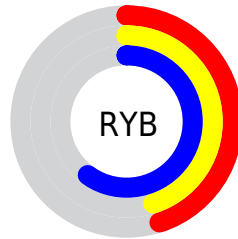
Distribution



Red (45%)

Green (45%)

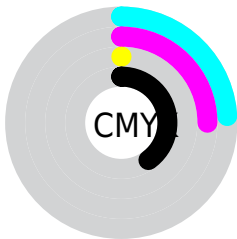
Blue (60%)



Red (45%)

Yellow (45%)

Blue (60%)

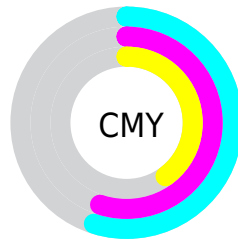


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0440, 16.7403, -2.6696 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 119.0440, 16.7403, -2.6696 by changing the saturation by 10% instead.

■ 119.0440, 16.7403,
-2.6696

■ 119.0440, 16.7403,
-2.6696

■ 255.0000, 0.0000,
0.0000

■ 94.5170, 16.0141,
-3.0844

■ 171.5710, 17.4665,
-2.2548

■ 70.4030, 15.5773,
-2.9844

■ 198.7990, 18.3401,
-2.4547

■ 47.8760, 14.8511,
-3.3993

■ 225.7730, 14.4089,
-1.5549

■ 26.6370, 13.9830,
-4.9436

■ 250.8800, 2.0312,
1.8592

■ 3.8760, 14.8511,
-3.3993

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 119.0440, 16.7403,
-2.6696

■ 119.0440, 16.7403,
-2.6696

■ 105.7540, 23.2923,
-4.1693

■ 132.3340, 10.1883,
-1.1699

■ 92.1760, 29.9862,
-4.5394

■ 145.9120, 3.4944,
-0.7998

■ 78.8860, 36.5382,
-6.0390

■ 159.2020, -3.0576,
0.6998

■ 65.8950, 42.9428,
-6.9239

■ 172.1930, -9.4621,
1.5847

■ 52.6050, 49.4947,
-8.4236

■ 186.0700,
-16.3035, 2.5696

■ 39.0270, 56.1887,
-8.7937

■ 199.0610,
-22.7081, 3.4545

■ 25.7370, 62.7407,
-10.2933

■ 212.3510,
-29.2600, 4.9542

■ 19.8340, 65.6508,
-10.3784

■ 225.3420,
-35.6646, 5.8391

■ 239.2190,
-42.5060, 6.8239

Harmonies

Analogous

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



114.8240, 20.2998, -24.4016



119.0440, 16.7403, -2.6696



120.3300, 9.6973, 16.3736

Triad

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



119.0440, 16.7403, -2.6696



118.7510, -15.6532, 27.4054



109.0620, 2.4344, -34.2574

Complementary

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



119.0440, 16.7403, -2.6696



147.9560, -16.7403, 2.6696

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.



112.3000, -8.5289, -17.8031



119.0440, 16.7403, -2.6696



116.8760, -18.6729, 15.8947

Square

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



119.0440, 16.7403, -2.6696



119.6190, -8.6862, 32.7831



115.3470, -16.4401, -0.3043



107.0420, 12.7973, -44.7638

Rectangle

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



119.0440, 16.7403, -2.6696



120.4900, 3.7024, 25.8803



115.3470, -16.4401, -0.3043



110.3570, -1.6550, -29.2541

Sweetspot

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



119.0440, 16.7403, -2.6696



185.1230, 6.8414, -0.9849



140.1650, 6.3277, -22.9467



91.0260, 3.9312, -0.8998



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



119.0440, 16.7403, -2.6696



144.9650, 26.6393, -4.3543



124.7250, 13.9396, 9.0112



69.9120, 3.4944, -0.7998



18.0530, 60.1199, -9.6935



1.7810, 5.5310, -0.6849

Inverse Universe

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



129.8790, 10.4127, 20.2771



162.2640, 16.6318, 32.2175



142.2750, -13.9396, -9.0112



72.1900, 1.8783, 4.2184



57.0220, 37.4572, 72.7717



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 119.0440, 16.7403, -2.6696 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 119.0440, 16.7403, -2.6696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

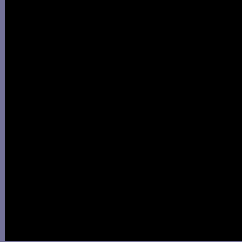
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.0440, 16.7403, -2.6696

Background



This preview shows how black text looks on a background with the YUV color 119.0440, 16.7403, -2.6696.



This preview shows how white text looks on a background with the YUV color 119.0440, 16.7403, -2.6696.

-2.6696.

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

119.0440, 16.7403, -2.6696

Protanopia

117.7550, 18.3618, -9.4321

Deuteranopia

118.7230, 16.8986, -6.7731



Tritanopia

117.6340, 5.1104, -5.8180

Trichromacy



Original Color

119.0440, 16.7403, -2.6696

Protanomaly

117.9510, 17.7722, -6.9730

Deuteranomaly

118.7340, 16.8931, -5.0287

Tritanomaly

118.0840, 9.3256, -4.4587

Monochromacy



Original Color

119.0440, 16.7403, -2.6696

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0440, 16.7403, -2.6696 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(116, 114, 153)` looks like.

```
.text, #text, p{  
    color:rgb(116, 114, 153)  
}
```

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(116, 114, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 114, 153) }
```

Border

The CSS property to change the border of an element to YUV 119.0440, 16.7403, -2.6696 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(116, 114, 153) }
```


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

```
.border{ border-color:rgb(116, 114, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 114, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 114, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 114, 153);  
box-shadow:4px 4px 4px 4px rgb(116, 114,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 119.0440, 16.7403, -2.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 114, 153) }
```

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

```
.background{ background-color: rgb(116,  
114, 153) }
```

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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