

Converting Colors

YUV(99.1280, 12.7549, 15.6737)

Have a look what the booklet for
YUV(99.1280, 12.7549, 15.6737)
contains.

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Color

**YUV(99.1280, 12.7549,
15.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	75557D
RGB	117, 85, 125
RGB Percent	46%, 33%, 49%
CMY	0.5412, 0.6667, 0.5098
CMYK	0.06, 0.32, 0.00, 0.51
HSL	288°, 19%, 41%
HSV	288°, 32%, 49%
XYZ	14.2863, 11.7596, 20.9189
YIQ	99.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

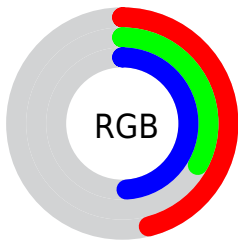
Format	Color
R_{YB}	117, 85, 125
Decimal	7689597
CIE _{Lab}	40.83, 20.88, -17.42
CIE _{LCh}	41, 27.194, 320.167
Yxy	11.7596, 0.3042, 0.2504
Android (android.graphics.Color)	4285879677 (0xFF75557D)
YUV	99.1280, 12.7549, 15.6737
Hunter-Lab	34.2922, 14.3524, -12.1634

Details

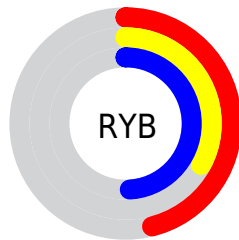
The YUV color **99.1280, 12.7549, 15.6737** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110.8720, -12.7549, -15.6737**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3670, 13.6231, 17.2181**, and **51.8890, 11.8867, 14.1293** is the 20% darker color. If you saturate the color by 10%, you get **91.4860, 16.5224, 20.6218**, and if you desaturate by 10%, it is **107.6560, 8.5506, 10.8257**.

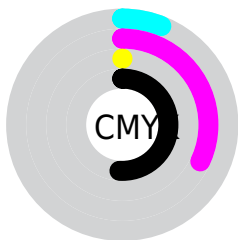
Distribution



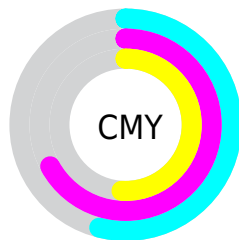
- Red (46%)
- Green (33%)
- Blue (49%)



- Red (46%)
- Yellow (33%)
- Blue (49%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1280, 12.7549, 15.6737 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 99.1280, 12.7549, 15.6737 by changing the saturation by 10% instead.

■ 99.1280, 12.7549,
15.6737

■ 99.1280, 12.7549,
15.6737

■ 255.0000, 0.0000,
0.0000

■ 74.7150, 12.4655,
15.1589

■ 150.3670, 13.6231,
17.2181

■ 51.8890, 11.8867,
14.1293

■ 176.7800, 13.9125,
17.7329

■ 30.0630, 11.3079,
13.0997

■ 204.7800, 13.9125,
17.7329

■ 11.7210, 9.9975,
13.3997

■ 231.8080, 11.4337,
19.4624

■ 0.4560, 1.7472,
-0.3999

■ 249.1300, 2.8939,
5.1480

■ 0.0000, 0.0000,
0.0000

99.1280, 12.7549,
15.6737

99.1280, 12.7549,
15.6737

91.4860, 16.5224,
20.6218

107.6560, 8.5506,
10.8257

82.9580, 20.7267,
25.4698

115.2980, 4.7831,
5.8777

75.3160, 24.4942,
30.4179

123.2390, 0.8682,
1.5444

66.7880, 28.6985,
35.2659

131.4680, -3.1887,
-3.9184

59.1460, 32.4660,
40.2140

139.1100, -6.9562,
-8.8665

50.6180, 36.6703,
45.0620


147.6380,
-11.1605, -13.7145

44.1500, 39.8590,
48.9805

155.2800,
-14.9280, -18.6626

163.8080,

-19.1323, -23.5106

 172.0370,
-23.1892, -28.9734

Harmonies

Analogous

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



96.6350, 20.3929, -7.5729



99.1280, 12.7549, 15.6737



98.7080, 3.1020, 31.8281

Triad

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



99.1280, 12.7549, 15.6737



94.9150, -21.1571, 19.3685



76.0500, 17.2304, -66.6958

Complementary

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



99.1280, 12.7549, 15.6737



110.8720, -12.7549, -15.6737

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.



85.0890, 1.4351, -40.4201



99.1280, 12.7549, 15.6737



93.2610, -19.3557, 1.5251

Square

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



99.1280, 12.7549, 15.6737



96.8440, -16.6851, 31.7088



90.2030, -11.4391, -17.7180



77.0420, 26.1083, -67.5658

Rectangle

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



99.1280, 12.7549, 15.6737



98.0800, -4.4764, 35.8868



90.2030, -11.4391, -17.7180



76.6330, 12.9989, -62.8221

Sweetspot

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



99.1280, 12.7549, 15.6737



152.7110, 5.0725, 6.3925



94.2560, 15.1568, -8.1175



75.5320, 3.1887, 3.9184



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



99.1280, 12.7549, 15.6737



123.0180, 19.7111, 24.5402



100.1520, 6.3341, 21.7917



59.2930, 2.3206, 2.3740



45.0900, 40.8746, 49.9101



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.8720, -2.4019, 23.7913



121.0200, -3.4609, 36.8165



109.8480, -6.3341, -21.7917



59.3210, -0.1583, 4.1035



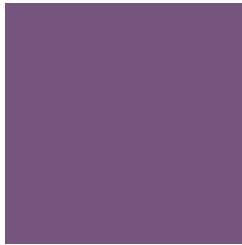
41.1220, -7.9481, 76.1920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 99.1280, 12.7549, 15.6737 looks on a white background.

Color Contrast Check

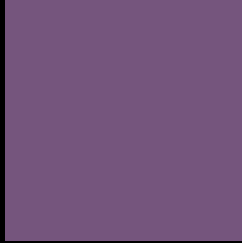
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.1280, 12.7549, 15.6737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

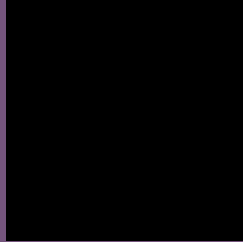
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.1280, 12.7549, 15.6737

Background



This preview shows how black text looks on a background with the YUV color 99.1280, 12.7549, 15.6737.



This preview shows how white text looks on a background with the YUV color 99.1280, 12.7549,

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

99.1280, 12.7549, 15.6737

Protanopia

96.3420, 18.0724, -9.9469

Deuteranopia

97.2950, 12.6726, -4.6437



Tritanopia

97.6750, -0.3328, 13.4400

Trichromacy



Original Color

99.1280, 12.7549, 15.6737

Protanomaly

97.2400, 16.1507, -0.2105

Deuteranomaly

97.7520, 12.9403, 2.8485

Tritanomaly

97.9400, 4.4666, 14.0846

Monochromacy



Original Color

99.1280, 12.7549, 15.6737

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1280, 12.7549, 15.6737 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(117, 85, 125)` looks like.

```
.text, #text, p{  
    color:rgb(117, 85, 125)  
}
```

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(117, 85, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 85, 125) }
```

Border

The CSS property to change the border of an element to YUV 99.1280, 12.7549, 15.6737 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(117, 85, 125) }
```


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

```
.border{ border-color:rgb(117, 85, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 85, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 85, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 85, 125);  
box-shadow:4px 4px 4px 4px rgb(117, 85,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 99.1280, 12.7549, 15.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 85, 125) }
```

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

```
.background{ background-color: rgb(117, 85,  
125) }
```

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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