

Converting Colors

YUV(82.1280, 12.7549, 15.6737)

Have a look what the booklet for
YUV(82.1280, 12.7549, 15.6737)
contains.

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Color

**YUV(82.1280, 12.7549,
15.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	64446C
RGB	100, 68, 108
RGB Percent	39%, 27%, 42%
CMY	0.6078, 0.7333, 0.5765
CMYK	0.07, 0.37, 0.00, 0.58
HSL	288°, 23%, 35%
HSV	288°, 37%, 42%
XYZ	10.0294, 7.9263, 15.1887
YIQ	82.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

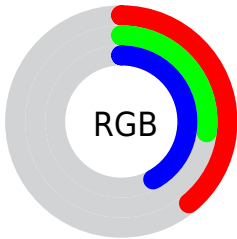
Format	Color
R_{YB}	100, 68, 108
Decimal	6571116
CIE _{Lab}	33.83, 21.49, -17.81
CIE _{LCh}	34, 27.916, 320.350
Yxy	7.9263, 0.3026, 0.2391
Android (android.graphics.Color)	4284761196 (0xFF64446C)
YUV	82.1280, 12.7549, 15.6737
Hunter-Lab	28.1536, 14.3198, -12.2789

Details

The YUV color **82.1280, 12.7549, 15.6737** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.8720, -12.7549, -15.6737**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3670, 13.6231, 17.2181**, and **36.4760, 11.5973, 13.6145** is the 20% darker color. If you saturate the color by 10%, you get **75.0730, 16.2330, 20.1070**, and if you desaturate by 10%, it is **89.1830, 9.2768, 11.2405**.

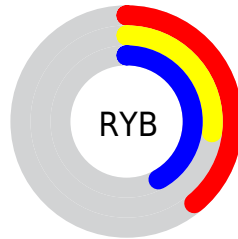
Distribution



Red (39%)

Green (27%)

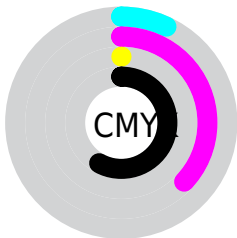
Blue (42%)



Red (39%)

Yellow (27%)

Blue (42%)

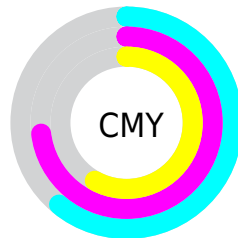


Cyan (7%)

Magenta (37%)

Yellow (0%)

Black (58%)



Cyan (61%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1280, 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 82.1280, 12.7549, 15.6737 by changing the saturation by 10% instead.

82.1280, 12.7549,
15.6737

82.1280, 12.7549,
15.6737

255.0000, 0.0000,
0.0000

58.7150, 12.4655,
15.1589

132.3670, 13.6231,
17.2181

36.4760, 11.5973,
13.6145

158.7800, 13.9125,
17.7329

14.0140, 12.3181,
15.7737

185.1930, 14.2019,
18.2477

2.4110, 6.6994,
-2.1144

213.0190, 14.7806,
19.2773

0.0000, 0.0000,
0.0000

237.3900, 8.6817,
15.4440

253.8260, 0.5788,

1.0296

■ 82.1280, 12.7549,
15.6737

■ 82.1280, 12.7549,
15.6737

■ 75.0730, 16.2330,
20.1070

■ 89.1830, 9.2768,
11.2405

■ 68.0180, 19.7111,
24.5402

■ 96.2380, 5.7987,
6.8073

■ 61.5500, 22.8999,
28.4587

■ 102.7060, 2.6099,
2.8888

■ 54.1960, 26.5254,
32.2771

■ 110.0600, -1.0156,
-0.9296

■ 47.1410, 30.0035,
36.7103

■ 117.1150, -4.4937,
-5.3629

■ 40.0860, 33.4816,
41.1436

■ 124.1700, -7.9718,
-9.7961

■ 38.0260, 34.4972,
42.0732

■ 131.2250,
-11.4499, -14.2293

■ 137.6930,
-14.6386, -18.1478

■ 144.7480,
-18.1168, -22.5810

Harmonies

Analogous

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



79.9230, 20.2510, -8.7025



82.1280, 12.7549, 15.6737



81.4090, 3.2494, 31.2133

Triad

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



82.1280, 12.7549, 15.6737



78.2030, -21.2991, 18.2390



64.1330, 14.7244, -56.2446

Complementary

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



82.1280, 12.7549, 15.6737



93.8720, -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.



64.5120, 3.1986, -46.0530



82.1280, 12.7549, 15.6737



76.2610, -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.



82.1280, 12.7549, 15.6737



79.5450, -16.5377, 31.0940



72.9040, -11.2917, -18.3328



65.1250, 23.6024, -57.1146

Rectangle

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



82.1280, 12.7549, 15.6737



80.3080, -3.6028, 35.6869



72.9040, -11.2917, -18.3328



63.3350, 11.6668, -55.5448

Sweetspot

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



82.1280, 12.7549, 15.6737



130.2980, 4.7831, 5.8777



77.2560, 15.1568, -8.1175



65.4180, 2.7519, 4.0184



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



82.1280, 12.7549, 15.6737



100.6050, 19.4217, 24.0254



83.1520, 6.3341, 21.7917



49.8800, 2.0312, 1.8592



41.4440, 37.2491, 46.0916



86.5340, 78.1237, 96.0017

Inverse Universe

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



80.8720, -2.4019, 23.7913



98.6070, -3.7503, 36.3017



92.8480, -6.3341, -21.7917



49.9080, -0.4476, 3.5887



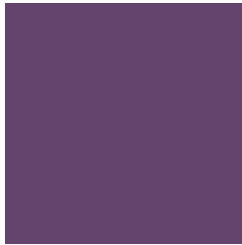
37.6050, -7.2003, 69.6294



78.8410, -14.7116, 145.7214

Previews

White Background



This preview shows how the YUV color 82.1280, 12.7549, 15.6737 looks on a white background.

Color Contrast Check

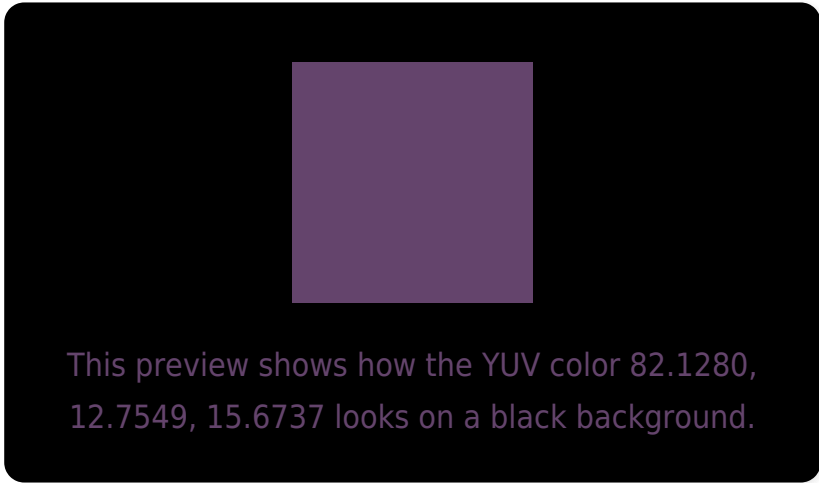
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

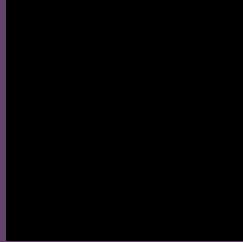
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1280, 12.7549, 15.6737

Background



This preview shows how black text looks on a background with the YUV color 82.1280, 12.7549, 15.6737.



This preview shows how white text looks on a background with the YUV color 82.1280, 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

82.1280, 12.7549, 15.6737

Protanopia

79.6300, 17.9304, -11.0765

Deuteranopia

80.2840, 12.6780, -6.3881



Tritanopia

81.2620, -0.6222, 12.9252

Trichromacy



Original Color

82.1280, 12.7549, 15.6737

Protanomaly

80.5280, 16.0087, -1.3401

Deuteranomaly

81.0400, 12.7983, 1.7189

Tritanomaly

81.5270, 4.1772, 13.5698

Monochromacy



Original Color

82.1280, 12.7549, 15.6737

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1280, 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(100, 68, 108)` looks like.

```
.text, #text, p{  
    color:rgb(100, 68, 108)  
}
```

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(100, 68, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 68, 108) }
```

Border

The CSS property to change the border of an element to YUV 82.1280, 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(100, 68, 108) }
```


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

```
.border{ border-color:rgb(100, 68, 108) }
```

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

Here you see how a box with a 4 pixel rgb(100, 68, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 68, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 68, 108);  
box-shadow:4px 4px 4px 4px rgb(100, 68,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 82.1280, 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(100, 68, 108) }
```

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

```
.background{ background-color: rgb(100, 68,  
108) }
```

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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