

Converting Colors

YUV(69.1280, 19.6569, 41.9837)

Have a look what the booklet for
YUV(69.1280, 19.6569, 41.9837)
contains.

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Color

**YUV(69.1280, 19.6569,
41.9837)**

Conversions

Conversions Part 1

Format	Color
Hex	75256D
RGB	117, 37, 109
RGB Percent	46%, 15%, 43%
CMY	0.5412, 0.8549, 0.5725
CMYK	0.00, 0.68, 0.07, 0.54
HSL	306°, 52%, 30%
HSV	306°, 68%, 46%
XYZ	10.7580, 6.2092, 15.0995
YIQ	69.1280, 24.5680, 39.3520

Conversions

Conversions Part 2

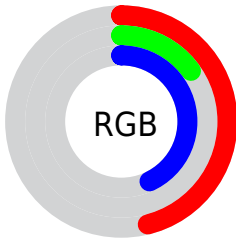
Format	Color
R_{YB}	117, 37, 109
Decimal	7677293
CIE _{Lab}	29.93, 43.87, -24.32
CIE _{LCh}	30, 50.162, 330.993
Yxy	6.2092, 0.3355, 0.1936
Android (android.graphics.Color)	4285867373 (0xFF75256D)
YUV	69.1280, 19.6569, 41.9837
Hunter-Lab	24.9182, 33.4574, -18.4847

Details

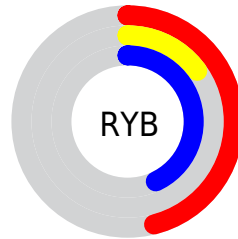
The YUV color **69.1280, 19.6569, 41.9837** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **84.8720, -19.6569, -41.9837**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7260, 19.3621, 43.2133**, and **26.3890, 17.0632, 33.8618** is the 20% darker color. If you saturate the color by 10%, you get **61.9700, 22.6928, 48.2613**, and if you desaturate by 10%, it is **76.2860, 16.6210, 35.7062**.

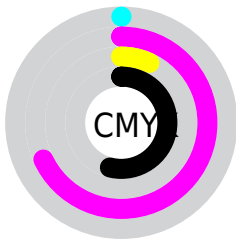
Distribution



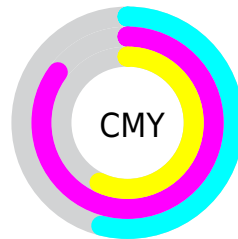
- Red (46%)
- Green (15%)
- Blue (43%)



- Red (46%)
- Yellow (15%)
- Blue (43%)



- Cyan (0%)
- Magenta (68%)
- Yellow (7%)
- Black (54%)



- Cyan (54%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.1280, 19.6569, 41.9837 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 69.1280, 19.6569, 41.9837 by changing the saturation by 10% instead.

69.1280, 19.6569,
41.9837

69.1280, 19.6569,
41.9837

255.0000, 0.0000,
0.0000

39.7200, 21.8300,
44.9726

121.7260, 19.3621,
43.2133

26.3890, 17.0632,
33.8618

148.7370, 19.3567,
44.9577

17.6020, 10.5492,
23.1510

175.5630, 19.9354,
45.9872

1.8240, 6.9888,
-1.5996

203.2640, 20.0828,
45.3725

0.0000, 0.0000,
0.0000

220.3670, 17.0741,
30.3731

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 69.1280, 19.6569,
41.9837

■ 69.1280, 19.6569,
41.9837

■ 61.9700, 22.6928,
48.2613

■ 76.2860, 16.6210,
35.7062

■ 55.3990, 25.4393,
54.0241

■ 82.8570, 13.8745,
29.9434

■ 48.1270, 28.0384,
60.4016

■ 90.1290, 11.2754,
23.5659

■ 46.9530, 28.6172,
61.4312

■ 97.2870, 8.2395,
17.2883

■ 104.4450, 5.2036,
11.0107

■ 111.0160, 2.4571,
5.2480

■ 118.1740, -0.5788,
-1.0296

■ 125.3320, -3.6147,
-7.3072

■ 132.0170, -5.9244,
-13.1699

Harmonies

Analogous

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



70.6970, 33.1804, -2.3653



69.1280, 19.6569, 41.9837



60.2100, 5.3195, 67.3448

Triad

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



69.1280, 19.6569, 41.9837



66.2170, -32.6450, 17.3497



63.6090, 22.8708, -55.7851

Complementary

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



69.1280, 19.6569, 41.9837



84.8720, -19.6569, -41.9837

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.



59.1630, 5.8356, -51.8860



69.1280, 19.6569, 41.9837



60.1270, -29.6426, -12.3894

Square

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



69.1280, 19.6569, 41.9837



65.4960, -32.2895, 43.4150



53.3150, -11.4943, -46.7573



65.1540, 36.4061, -57.1401

Rectangle

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



69.1280, 19.6569, 41.9837



60.7680, -7.7736, 66.8555



53.3150, -11.4943, -46.7573



62.1270, 17.1924, -54.4854

Sweetspot

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



69.1280, 19.6569, 41.9837



133.8740, 7.9501, 16.7735



48.5120, 33.7646, -3.0800



65.0320, 4.9142, 10.4959



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



69.1280, 19.6569, 41.9837



78.1430, 30.4955, 65.6496



64.5680, 2.1850, 45.9829



55.3640, 1.2995, 3.1888



49.0180, 30.0641, 64.0052



100.4000, 61.4278, 131.1992

Inverse Universe

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



69.1280, 19.6569, 41.9837



78.1430, 30.4955, 65.6496



89.4320, -2.1850, -45.9829



55.3640, 1.2995, 3.1888



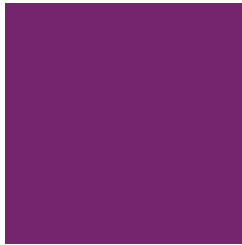
49.0180, 30.0641, 64.0052



100.4000, 61.4278, 131.1992

Previews

White Background



This preview shows how the YUV color 69.1280, 19.6569, 41.9837 looks on a white background.

Color Contrast Check

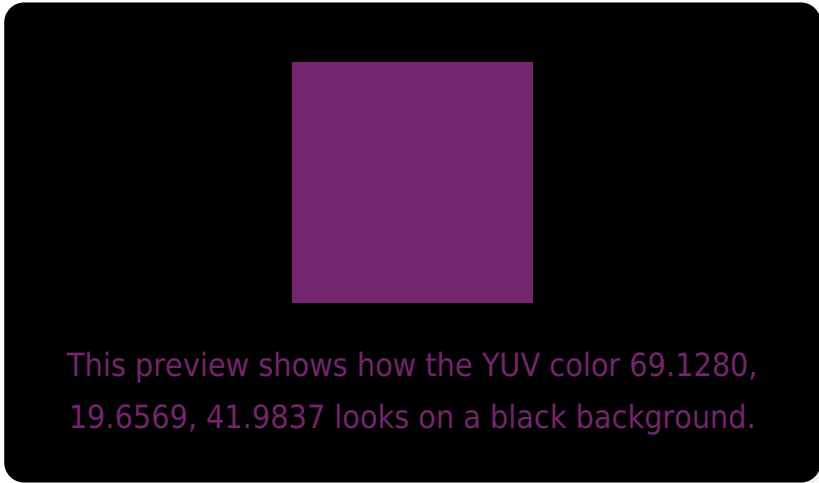
Large Text (above 18pt) WCAG AA ✓ Pass

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

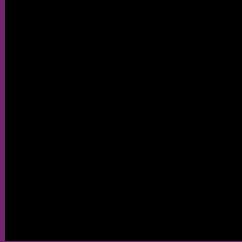
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.1280, 19.6569, 41.9837

Background



This preview shows how black text looks on a background with the YUV color 69.1280, 19.6569, 41.9837.



This preview shows how white text looks on a background with the YUV color 69.1280, 19.6569,

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

69.1280, 19.6569, 41.9837

Protanopia

65.8030, 35.5931, -29.6452

Deuteranopia

71.1740, 16.1832, -10.6766



Tritanopia

70.7980, -6.8024, 35.2572

Trichromacy



Original Color

69.1280, 19.6569, 41.9837

Protanomaly

66.7740, 29.6914, -3.3098

Deuteranomaly

70.6370, 17.4340, 8.2114

Tritanomaly

70.0400, 2.9383, 37.6759

Monochromacy



Original Color

69.1280, 19.6569, 41.9837

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7490, 7.5187, 15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.1280, 19.6569, 41.9837 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, 37, 109)` looks like.

```
.text, #text, p{  
    color:rgb(117, 37, 109)  
}
```

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, 37, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 37, 109) }
```

Border

The CSS property to change the border of an element to YUV 69.1280, 19.6569, 41.9837 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, 37, 109) }
```


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

```
.border{ border-color:rgb(117, 37, 109) }
```

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

Here you see how a box with a 4 pixel rgb(117, 37, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 37, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 37, 109);  
box-shadow:4px 4px 4px 4px rgb(117, 37,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 69.1280, 19.6569, 41.9837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 37, 109) }
```

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

```
.background{ background-color: rgb(117, 37,  
109) }
```

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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