

Converting Colors

YUV(42.8190, 11.4282, 21.2067)

Have a look what the booklet for
YUV(42.8190, 11.4282, 21.2067)
contains.

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Color

**YUV(42.8190, 11.4282,
21.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	431A42
RGB	67, 26, 66
RGB Percent	26%, 10%, 26%
CMY	0.7373, 0.8980, 0.7412
CMYK	0.00, 0.61, 0.01, 0.74
HSL	301°, 44%, 18%
HSV	301°, 61%, 26%
XYZ	3.6675, 2.3254, 5.4098
YIQ	42.8190, 11.5960, 21.1320

Conversions

Conversions Part 2

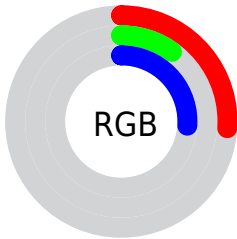
Format	Color
R_{YB}	67, 26, 66
Decimal	4397634
CIE _{Lab}	17.11, 26.24, -16.44
CIE _{LCh}	17, 30.967, 327.936
Yxy	2.3254, 0.3216, 0.2039
Android (android.graphics.Color)	4282587714 (0xFF431A42)
YUV	42.8190, 11.4282, 21.2067
Hunter-Lab	15.2494, 16.2433, -10.3590

Details

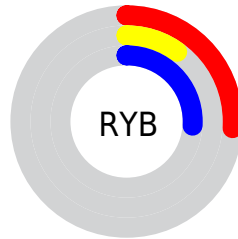
The YUV color **42.8190, 11.4282, 21.2067** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.1810, -11.4282, -21.2067**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.2430, 11.7122, 23.4659**, and **8.6020, 7.0982, 9.9960** is the 20% darker color. If you saturate the color by 10%, you get **38.7100, 13.4540, 24.8103**, and if you desaturate by 10%, it is **46.9280, 9.4025, 17.6031**.

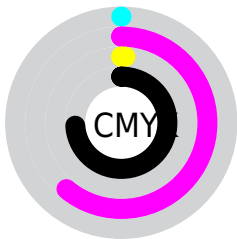
Distribution



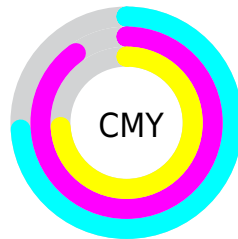
- Red (26%)
- Green (10%)
- Blue (26%)



- Red (26%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (61%)
- Yellow (1%)
- Black (74%)



- Cyan (74%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.8190, 11.4282, 21.2067 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 42.8190, 11.4282, 21.2067 by changing the saturation by 10% instead.

■ 42.8190, 11.4282,
21.2067

■ 42.8190, 11.4282,
21.2067

■ 255.0000, 0.0000,
0.0000

■ 20.5200, 11.5756,
20.5920

■ 90.2430, 11.7122,
23.4659

■ 8.6020, 7.0982,
9.9960

■ 115.0690, 12.2910,
24.4955

■ 0.0000, 0.0000,
0.0000

■ 140.4820, 12.5804,
25.0103

■ 167.7810, 12.4330,
25.6251

■ 194.6070, 13.0117,
26.6547

■ 223.0200, 13.3011,

27.1695

240.3250, 7.2348,
12.8700

42.8190, 11.4282,
21.2067

42.8190, 11.4282,
21.2067

38.7100, 13.4540,
24.8103

46.9280, 9.4025,
17.6031

35.1880, 15.1903,
27.8991

50.4500, 7.6662,
14.5144

31.0790, 17.2161,
31.5027

54.5590, 5.6404,
10.9108

27.4430, 18.5156,
34.6915

58.7820, 4.0515,
7.2072

62.8910, 2.0257,
3.6036

■ 66.4130, 0.2894,
0.5148

■ 70.5220, -1.7363,
-3.0888

■ 74.6310, -3.7621,
-6.6924

■ 78.1530, -5.4984,
-9.7812

Harmonies

Analogous

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



42.4290, 19.5085, -3.8842



42.8190, 11.4282, 21.2067



39.6160, 2.6543, 35.4168

Triad

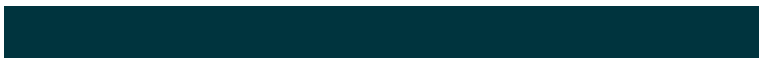
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.8190, 11.4282, 21.2067



40.5120, -19.9724, 12.7060



37.5920, 12.0331, -32.9682

Complementary

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



42.8190, 11.4282, 21.2067



50.1810, -11.4282, -21.2067

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.



35.0840, 2.4236, -30.7687



42.8190, 11.4282, 21.2067



37.4560, -18.4658, -3.9079

Square

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



42.8190, 11.4282, 21.2067



39.4260, -19.4370, 27.6904



31.2880, -7.0440, -27.4396



38.4700, 20.4743, -33.7382

Rectangle

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



42.8190, 11.4282, 21.2067



38.7920, -4.3345, 37.0164



31.2880, -7.0440, -27.4396



36.7940, 8.9756, -32.2683

Sweetspot

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



42.8190, 11.4282, 21.2067



77.4940, 4.1935, 8.3368



30.9730, 17.7613, -3.4843



37.7170, 2.6045, 4.6332



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



42.8190, 11.4282, 21.2067



49.2040, 17.6474, 33.1471



40.5390, 2.6923, 23.2063



31.2390, 0.8682, 1.5444



39.8330, 27.1973, 50.1355



91.9420, 62.6396, 115.8149

Inverse Universe

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



42.8190, 11.4282, 21.2067



49.2040, 17.6474, 33.1471



52.4610, -2.6923, -23.2063



31.2390, 0.8682, 1.5444



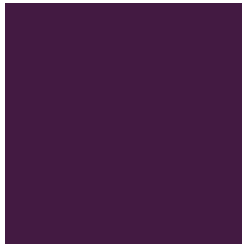
39.8330, 27.1973, 50.1355



91.9420, 62.6396, 115.8149

Previews

White Background



This preview shows how the YUV color 42.8190, 11.4282, 21.2067 looks on a white background.

Color Contrast Check

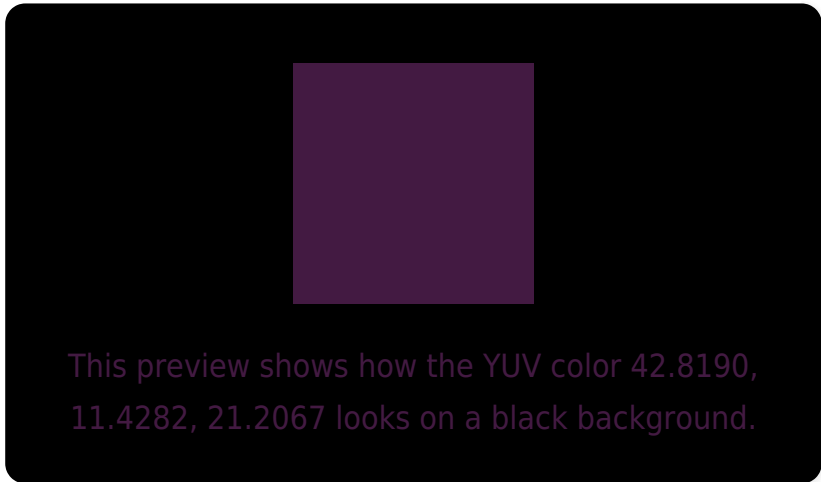
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.8190, 11.4282, 21.2067

Background



This preview shows how black text looks on a background with the YUV color 42.8190, 11.4282, 21.2067.



This preview shows how white text looks on a background with the YUV color 42.8190, 11.4282,

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

42.8190, 11.4282, 21.2067

Protanopia

40.6510, 19.3991, -15.4799

Deuteranopia

42.8880, 9.9152, -6.9178



Tritanopia

43.3120, -3.1118, 18.1434

Trichromacy



Original Color

42.8190, 11.4282, 21.2067

Protanomaly

41.3430, 16.5929, -2.0548

Deuteranomaly

43.0680, 10.3195, 3.4484

Tritanomaly

43.1040, 2.4137, 19.2028

Monochromacy



Original Color

42.8190, 11.4282, 21.2067

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0810, 3.9041, 7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.8190, 11.4282, 21.2067 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(67, 26, 66)` looks like.

```
.text, #text, p{  
  color:rgb(67, 26, 66)  
}
```

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(67, 26, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 26, 66) }
```

Border

The CSS property to change the border of an element to YUV 42.8190, 11.4282, 21.2067 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(67, 26, 66) }
```


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

```
.border{ border-color:rgb(67, 26, 66) }
```

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

Here you see how a box with a 4 pixel rgb(67, 26, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 26, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 26, 66);  
box-shadow:4px 4px 4px 4px rgb(67, 26, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.8190, 11.4282, 21.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 26, 66) }
```

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

```
.background{ background-color: rgb(67, 26,  
66) }
```

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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