

Converting Colors

YUV(48.4280, -2.1830, 46.9826)

Have a look what the booklet for
YUV(48.4280, -2.1830, 46.9826)
contains.

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Color

**YUV(48.4280, -2.1830,
46.9826)**

Conversions

Conversions Part 1

Format	Color
Hex	66162C
RGB	102, 22, 44
RGB Percent	40%, 9%, 17%
CMY	0.6000, 0.9137, 0.8275
CMYK	0.00, 0.78, 0.57, 0.60
HSL	344°, 65%, 24%
HSV	344°, 78%, 40%
XYZ	6.2210, 3.5804, 2.7461
YIQ	48.4280, 40.6180, 23.8020

Conversions

Conversions Part 2

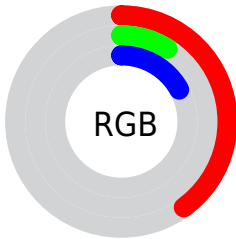
Format	Color
RYB	102, 22, 44
Decimal	6690348
CIELab	22.23, 36.70, 7.27
CIELCh	22, 37.417, 11.199
Yxy	3.5804, 0.4958, 0.2854
Android (android.graphics.Color)	4284880428 (0xFF66162C)
YUV	48.4280, -2.1830, 46.9826
Hunter-Lab	18.9221, 25.5719, 4.6409

Details

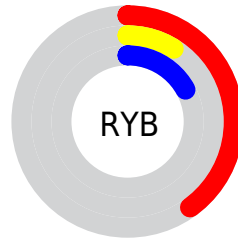
The YUV color **48.4280, -2.1830, 46.9826** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.5720, 2.1830, -46.9826**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.9400, -5.3934, 50.0416**, and **15.5480, -7.6652, 31.9684** is the 20% darker color. If you saturate the color by 10%, you get **41.7600, -2.3467, 52.8305**, and if you desaturate by 10%, it is **55.0960, -2.0193, 41.1348**.

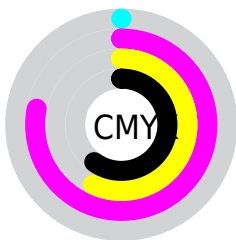
Distribution



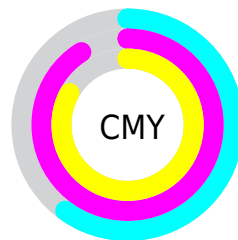
- Red (40%)
- Green (9%)
- Blue (17%)



- Red (40%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (78%)
- Yellow (57%)
- Black (60%)



- Cyan (60%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.4280, -2.1830, 46.9826 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 48.4280, -2.1830, 46.9826 by changing the saturation by 10% instead.

■ 48.4280, -2.1830,
46.9826

■ 48.4280, -2.1830,
46.9826

255.0000, 0.0000,
0.0000

■ 25.1610, -0.5724,
43.7088

■ 99.9400, -5.3934,
50.0416

■ 15.5480, -7.6652,
31.9684

■ 125.8370, -5.8356,
51.8860

■ 2.3920, -1.1793,
4.9182

■ 152.6200, -6.7147,
53.8303

■ 0.0000, 0.0000,
0.0000

■ 180.4030, -7.5937,
55.7746

■ 202.6190, -5.2352,
45.9381

■ 222.2470, -1.1078,

28.7244

242.5760, 3.1670,
10.8958

48.4280, -2.1830,
46.9826

48.4280, -2.1830,
46.9826

41.7600, -2.3467,
52.8305

55.0960, -2.0193,
41.1348

34.9780, -2.9472,
58.7783

61.8780, -1.4189,
35.1870

33.6900, -2.8052,
59.9079

69.1330, -1.5446,
28.8244

75.9150, -0.9441,
22.8765

82.5830, -0.7804,
17.0287

■ 89.2510, -0.6167,
11.1809

■ 96.0330, -0.0163,
5.2331

■ 103.2880, -0.1420,
-1.1296

■ 110.0700, 0.4585,
-7.0774

Harmonies

Analogous

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



51.8640, 9.9270, 36.0763



48.4280, -2.1830, 46.9826



49.5400, -15.5492, 40.7454

Triad

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



48.4280, -2.1830, 46.9826



43.5530, -19.0066, -17.1480



47.8910, 28.6477, -42.0004

Complementary

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



48.4280, -2.1830, 46.9826



75.5720, 2.1830, -46.9826

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.



48.3010, 20.0646, -42.3600



48.4280, -2.1830, 46.9826



42.0310, -3.9593, -36.8612

Square

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



48.4280, -2.1830, 46.9826



49.3280, -24.3187, 6.7283



45.9240, 8.4185, -40.2753



43.4230, 31.8365, -38.0820

Rectangle

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



48.4280, -2.1830, 46.9826



49.7810, -24.5420, 31.7641



45.9240, 8.4185, -40.2753



48.6090, 26.3218, -42.6301

Sweetspot

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



48.4280, -2.1830, 46.9826



111.5940, -0.7858, 18.7731



48.1630, 26.5416, 27.0440



53.2510, -0.6167, 11.1809



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



48.4280, -2.1830, 46.9826



49.2510, -3.5747, 73.4479



55.8990, -16.7122, 40.4306



47.6090, -0.3002, 2.9739



38.0330, -2.9743, 67.5001



79.9960, -6.4070, 142.0775

Inverse Universe

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



48.4280, -2.1830, 46.9826



49.2510, -3.5747, 73.4479



68.1010, 16.7122, -40.4306



47.6090, -0.3002, 2.9739



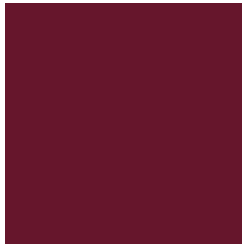
38.0330, -2.9743, 67.5001



79.9960, -6.4070, 142.0775

Previews

White Background



This preview shows how the YUV color 48.4280, -2.1830, 46.9826 looks on a white background.

Color Contrast Check

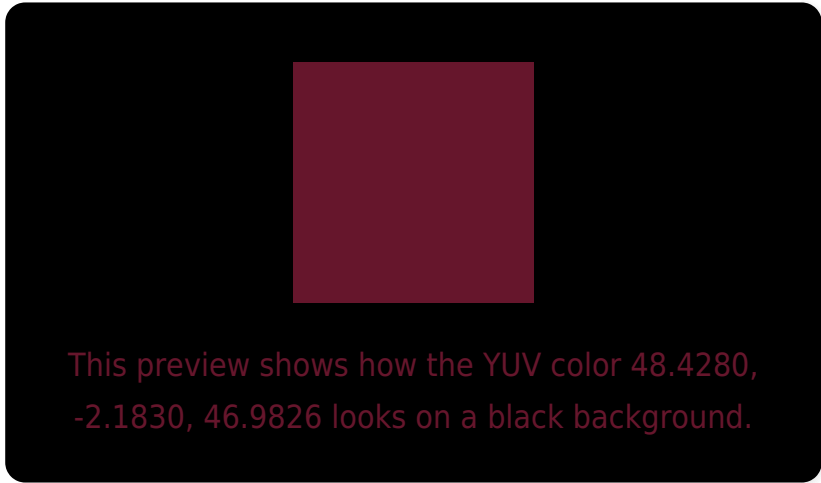
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4280, -2.1830, 46.9826

Background



This preview shows how black text looks on a background with the YUV color 48.4280, -2.1830, 46.9826.



This preview shows how white text looks on a background with the YUV color 48.4280, -2.1830,

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

48.4280, -2.1830, 46.9826

Protanopia

55.5700, 2.1840, -0.4999

Deuteranopia

55.1060, -7.4473, 8.6770



Tritanopia

48.5390, -10.6187, 46.0083

Trichromacy



Original Color

48.4280, -2.1830, 46.9826

Protanomaly

52.9250, 0.5300, 16.7288

Deuteranomaly

52.6500, -5.7434, 22.2320

Tritanomaly

48.6360, -7.7085, 45.9232

Monochromacy



Original Color

48.4280, -2.1830, 46.9826

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.5830, -0.7804, 17.0287

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.4280, -2.1830, 46.9826 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(102, 22, 44)` looks like.

```
.text, #text, p{  
    color:rgb(102, 22, 44)  
}
```

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(102, 22, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 22, 44) }
```

Border

The CSS property to change the border of an element to YUV 48.4280, -2.1830, 46.9826 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(102, 22, 44) }
```


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

```
.border{ border-color:rgb(102, 22, 44) }
```

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

Here you see how a box with a 4 pixel rgb(102, 22, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 22, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 22, 44);  
box-shadow:4px 4px 4px 4px rgb(102, 22,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 48.4280, -2.1830, 46.9826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 22, 44) }
```

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

```
.background{ background-color: rgb(102, 22,  
44) }
```

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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