

Converting Colors

YUV(41.9480, -7.3694, 77.2216)

Have a look what the booklet for
YUV(41.9480, -7.3694, 77.2216)
contains.

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Color

**YUV(41.9480, -7.3694,
77.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	82001B
RGB	130, 0, 27
RGB Percent	51%, 0%, 11%
CMY	0.4902, 1.0000, 0.8941
CMYK	0.00, 1.00, 0.79, 0.49
HSL	348°, 100%, 25%
HSV	348°, 100%, 51%
XYZ	9.4038, 4.8250, 1.4726
YIQ	41.9480, 68.8130, 35.9570

Conversions

Conversions Part 2

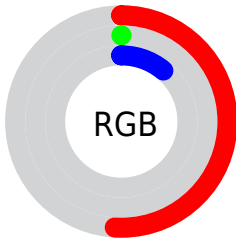
Format	Color
R_YB	130, 0, 27
Decimal	8519707
CIE Lab	26.23, 49.23, 25.16
CIE LCh	26, 55.285, 27.071
Yxy	4.8250, 0.5989, 0.3073
Android (android.graphics.Color)	4286709787 (0xFF82001B)
YUV	41.9480, -7.3694, 77.2216
Hunter-Lab	21.9658, 37.9773, 11.4012

Details

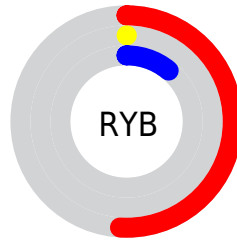
The YUV color **41.9480, -7.3694, 77.2216** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **88.0520, 7.3694, -77.2216**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7060, -17.1101, 74.8028**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **41.9480, -7.3694, 77.2216**, and if you desaturate by 10%, it is **50.7190, -6.7635, 69.5294**.

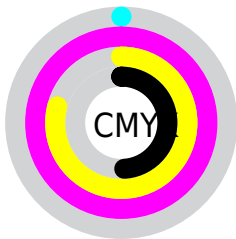
Distribution



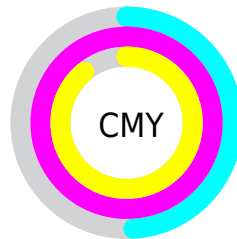
- Red (51%)
- Green (0%)
- Blue (11%)



- Red (51%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9480, -7.3694, 77.2216 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 41.9480, -7.3694, 77.2216 by changing the saturation by 10% instead.

41.9480, -7.3694,
77.2216

41.9480, -7.3694,
77.2216

255.0000, 0.0000,
0.0000

30.4270, -14.0145,
61.8925

104.7060,
-17.1101, 74.8028

21.5280, -10.6133,
44.2639

131.6740,
-18.5733, 77.4619

13.5690, -6.1965,
27.5650

159.6420,
-20.0365, 80.1210

0.0000, 0.0000,
0.0000


180.1240,
-17.8091, 65.6663


199.6380,
-14.1185, 48.5525


219.1520,


-10.4279, 31.4387


 239.3670, -6.5899,
13.7101


 41.9480, -7.3694,
77.2216

 50.7190, -6.7635,
69.5294

 59.6040, -5.7208,
61.7373

 68.3750, -5.1149,
54.0451

 77.1460, -4.5090,
46.3530

 86.0310, -3.4663,
38.5608

■ 94.8020, -2.8604,
30.8686

■ 103.5730, -2.2545,
23.1765

■ 112.3440, -1.6486,
15.4843

■ 121.2290, -0.6059,
7.6922

Harmonies

Analogous

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



46.9210, 10.3919, 73.7373



41.9480, -7.3694, 77.2216



56.3810, -27.7958, 48.7779

Triad

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



41.9480, -7.3694, 77.2216



45.5240, -18.4993, -39.9245



57.3750, 44.6781, -50.3179

Complementary

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



41.9480, -7.3694, 77.2216



88.0520, 7.3694, -77.2216

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.



60.3610, 35.8110, -52.9366



41.9480, -7.3694, 77.2216



52.8710, 2.0356, -46.3679

Square

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



41.9480, -7.3694, 77.2216



53.0500, -26.1536, -11.4448



57.7730, 20.8179, -50.6669



58.8030, 39.0441, -16.4902

Rectangle

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



41.9480, -7.3694, 77.2216



59.2060, -29.1886, 28.7603



57.7730, 20.8179, -50.6669



59.3810, 42.2102, -52.0771

Sweetspot

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



41.9480, -7.3694, 77.2216



134.0900, -3.0024, 29.7391



45.3180, 41.7482, 49.7101



63.6540, -1.8014, 17.8434



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



41.9480, -7.3694, 77.2216



54.2220, -9.4764, 99.7833



60.5890, -29.8704, 60.8734



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Inverse Universe

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



41.9480, -7.3694, 77.2216



54.2220, -9.4764, 99.7833



69.4110, 29.8704, -60.8734



59.3210, -0.1583, 4.1035



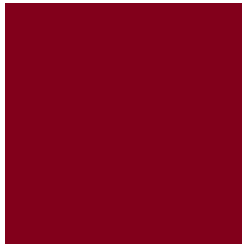
41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 41.9480, -7.3694, 77.2216 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

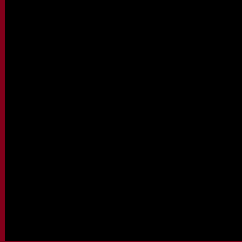
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9480, -7.3694, 77.2216

Background



This preview shows how black text looks on a background with the YUV color 41.9480, -7.3694, 77.2216.



This preview shows how white text looks on a background with the YUV color 41.9480, -7.3694,

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

41.9480, -7.3694, 77.2216

Protanopia

65.0580, -11.3676, 6.0881

Deuteranopia

63.8500, -22.6040, 16.7946



Tritanopia

45.5550, -21.4726, 74.0583

Trichromacy



Original Color

41.9480, -7.3694, 77.2216

Protanomaly

56.6790, -9.7017, 31.8535

Deuteranomaly

55.7740, -17.1436, 38.7862

Tritanomaly

44.2330, -16.3839, 75.2177

Monochromacy



Original Color

41.9480, -7.3694, 77.2216

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1930, -2.5601, 27.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9480, -7.3694, 77.2216 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(130, 0, 27)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 27)  
}
```

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(130, 0, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 27) }
```

Border

The CSS property to change the border of an element to YUV 41.9480, -7.3694, 77.2216 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(130, 0, 27) }
```


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

```
.border{ border-color:rgb(130, 0, 27) }
```

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

Here you see how a box with a 4 pixel rgb(130, 0, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 27);  
box-shadow:4px 4px 4px 4px rgb(130, 0, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9480, -7.3694, 77.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 27) }
```

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

```
.background{ background-color: rgb(130, 0,  
27) }
```

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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