

Converting Colors

YUV(47.1250, -2.5266, 63.9114)

Have a look what the booklet for
YUV(47.1250, -2.5266, 63.9114)
contains.

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Color

**YUV(47.1250, -2.5266,
63.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	780B2A
RGB	120, 11, 42
RGB Percent	47%, 4%, 16%
CMY	0.5294, 0.9569, 0.8353
CMYK	0.00, 0.91, 0.65, 0.53
HSL	343°, 83%, 26%
HSV	343°, 91%, 47%
XYZ	8.2833, 4.3996, 2.6031
YIQ	47.1250, 55.0130, 32.7490

Conversions

Conversions Part 2

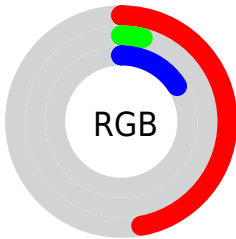
Format	Color
RYB	120, 11, 42
Decimal	7867178
CIELab	24.95, 45.17, 12.99
CIELCh	25, 46.998, 16.044
Yxy	4.3996, 0.5419, 0.2878
Android (android.graphics.Color)	4286057258 (0xFF780B2A)
YUV	47.1250, -2.5266, 63.9114
Hunter-Lab	20.9752, 33.7850, 7.3245

Details

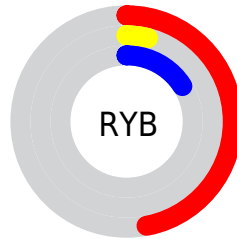
The YUV color **47.1250, -2.5266, 63.9114** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **83.8750, 2.5266, -63.9114**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.2300, -8.4944, 64.6963**, and **19.4350, -9.5815, 39.9605** is the 20% darker color. If you saturate the color by 10%, you get **39.7560, -2.8377, 70.3740**, and if you desaturate by 10%, it is **55.1950, -2.0681, 56.8340**.

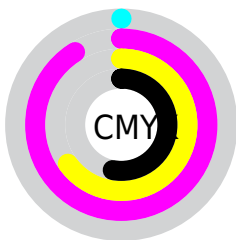
Distribution



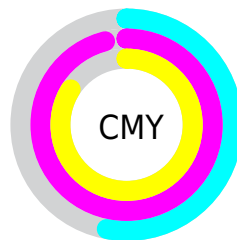
- Red (47%)
- Green (4%)
- Blue (16%)



- Red (47%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (91%)
- Yellow (65%)
- Black (53%)



- Cyan (53%)
- Magenta (96%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1250, -2.5266, 63.9114 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 47.1250, -2.5266, 63.9114 by changing the saturation by 10% instead.

■ 47.1250, -2.5266,
63.9114

■ 47.1250, -2.5266,
63.9114

255.0000, 0.0000,
0.0000

■ 30.0160, -3.9519,
54.3600

■ 104.2300, -8.4944,
64.6963

■ 19.4350, -9.5815,
39.9605

■ 130.8990, -9.8102,
66.7406

■ 11.1770, -5.0173,
22.6468

■ 158.6820,
-10.6892, 68.6849

■ 0.0000, 0.0000,
0.0000

■ 182.8770, -9.7994,
63.2519

■ 202.3910, -6.1088,
46.1381

■ 222.0190, -1.9814,

28.9243

242.2340, 1.8566,
11.1958

47.1250, -2.5266,
63.9114

47.1250, -2.5266,
63.9114

39.7560, -2.8377,
70.3740

55.1950, -2.0681,
56.8340

63.1510, -2.0464,
49.8566

71.2210, -1.5880,
42.7792

79.1770, -1.5663,
35.8018

87.2470, -1.1078,
28.7244

■ 95.3170, -0.6493,
21.6470

■ 103.2730, -0.6276,
14.6696

■ 111.3430, -0.1691,
7.5922

■ 119.2990, -0.1474,
0.6148

Harmonies

Analogous

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



51.3700, 12.6356, 54.0495



47.1250, -2.5266, 63.9114



52.9450, -23.1439, 50.0372

Triad

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



47.1250, -2.5266, 63.9114



41.3890, -20.4048, -35.4212



54.6220, 36.6684, -47.9035

Complementary

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



47.1250, -2.5266, 63.9114



83.8750, 2.5266, -63.9114

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.



55.3910, 26.9222, -48.5779



47.1250, -2.5266, 63.9114



47.5250, -3.2168, -41.6794

Square

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



47.1250, -2.5266, 63.9114



53.7250, -26.4864, 1.9952



52.3300, 12.6553, -45.8934



48.0510, 39.4149, -42.1407

Rectangle

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



47.1250, -2.5266, 63.9114



55.7060, -27.4631, 35.3378



52.3300, 12.6553, -45.8934



55.3400, 34.3424, -48.5332

Sweetspot

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



47.1250, -2.5266, 63.9114



127.8120, -1.3863, 24.7209



46.1500, 36.4080, 35.8255



62.2730, -0.6276, 14.6696



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



47.1250, -2.5266, 63.9114



51.6600, -3.7764, 91.5062



56.5050, -22.4340, 55.6851



57.0220, -0.0108, 3.4887



41.4790, -2.7011, 73.2479



83.5560, -5.6971, 147.7254

Inverse Universe

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



47.1250, -2.5266, 63.9114



51.6600, -3.7764, 91.5062



74.4950, 22.4340, -55.6851



57.0220, -0.0108, 3.4887



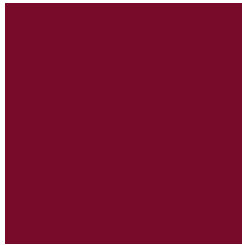
41.4790, -2.7011, 73.2479



83.5560, -5.6971, 147.7254

Previews

White Background



This preview shows how the YUV color 47.1250, -2.5266, 63.9114 looks on a white background.

Color Contrast Check

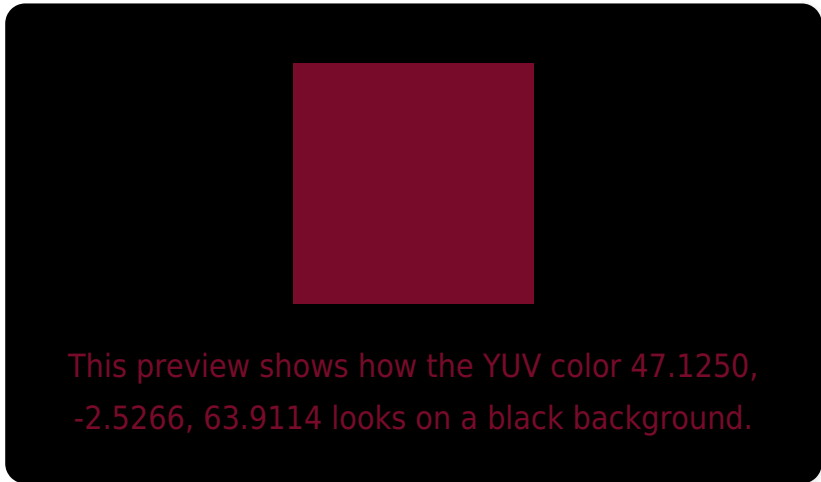
Large Text (above 18pt) WCAG AA ✓ Pass

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

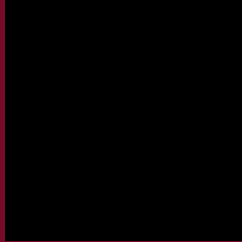
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.1250, -2.5266, 63.9114

Background



This preview shows how black text looks on a background with the YUV color 47.1250, -2.5266, 63.9114.



This preview shows how white text looks on a background with the YUV color 47.1250, -2.5266,

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

47.1250, -2.5266, 63.9114

Protanopia

62.1850, -0.5842, 0.7148

Deuteranopia

61.2760, -11.9681, 12.0359



Tritanopia

48.7860, -15.1775, 61.5777

Trichromacy



Original Color

47.1250, -2.5266, 63.9114

Protanomaly

56.5130, -1.2389, 24.1061

Deuteranomaly

56.3090, -8.5333, 30.4240

Tritanomaly

48.0510, -10.3781, 62.2223

Monochromacy



Original Color

47.1250, -2.5266, 63.9114

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2140, -1.0915, 23.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1250, -2.5266, 63.9114 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(120, 11, 42)` looks like.

```
.text, #text, p{  
    color:rgb(120, 11, 42)  
}
```

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(120, 11, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 11, 42) }
```

Border

The CSS property to change the border of an element to YUV 47.1250, -2.5266, 63.9114 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(120, 11, 42) }
```


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

```
.border{ border-color:rgb(120, 11, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 11, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 11, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 11, 42);  
box-shadow:4px 4px 4px 4px rgb(120, 11,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 47.1250, -2.5266, 63.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 11, 42) }
```

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

```
.background{ background-color: rgb(120, 11,  
42) }
```

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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