

Converting Colors

YUV(48.2290, -0.1129, 83.1142)

Have a look what the booklet for
YUV(48.2290, -0.1129, 83.1142)
contains.

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Color

**YUV(48.2290, -0.1129,
83.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0030
RGB	143, 0, 48
RGB Percent	56%, 0%, 19%
CMY	0.4392, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.66, 0.44
HSL	340°, 100%, 28%
HSV	340°, 100%, 56%
XYZ	11.8612, 6.0530, 3.3395
YIQ	48.2290, 69.8200, 45.2440

Conversions

Conversions Part 2

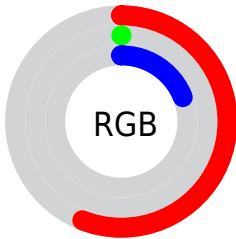
Format	Color
R_YB	143, 0, 48
Decimal	9371696
CIE Lab	29.55, 53.54, 15.92
CIE LCh	30, 55.861, 16.562
Yxy	6.0530, 0.5581, 0.2848
Android (android.graphics.Color)	4287561776 (0xFF8F0030)
YUV	48.2290, -0.1129, 83.1142
Hunter-Lab	24.6029, 43.0006, 9.1743

Details

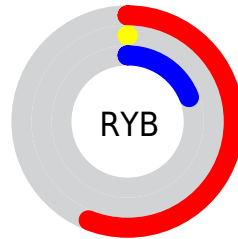
The YUV color **48.2290, -0.1129, 83.1142** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **94.7710, 0.1129, -83.1142**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6770, -9.7008, 78.3363**, and **25.4150, -12.5296, 52.2560** is the 20% darker color. If you saturate the color by 10%, you get **48.2290, -0.1129, 83.1142**, and if you desaturate by 10%, it is **57.5870, 0.2036, 74.9072**.

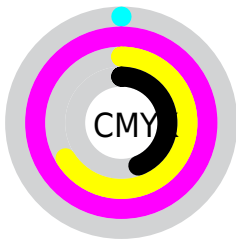
Distribution



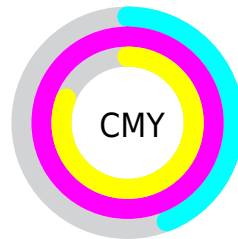
- Red (56%)
- Green (0%)
- Blue (19%)



- Red (56%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.2290, -0.1129, 83.1142 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 48.2290, -0.1129, 83.1142 by changing the saturation by 10% instead.

■ 48.2290, -0.1129,
83.1142

■ 48.2290, -0.1129,
83.1142

255.0000, 0.0000,
0.0000

■ 37.2780, -4.5741,
67.2852

■ 113.6770, -9.7008,
78.3363

■ 25.4150, -12.5296,
52.2560

■ 141.2320,
-11.4534, 80.4805

■ 17.8690, -7.8234,
36.0719

■ 167.2100,
-11.4425, 76.9918

■ 5.6810, -2.8007,
11.6808

■ 186.0230, -7.8993,
60.4928

■ 0.0000, 0.0000,
0.0000

■ 205.5370, -4.2087,
43.3791

■ 225.7520, -0.3707,

25.6505

■ 246.0810, 3.9041,
7.8220

■ 48.2290, -0.1129,
83.1142

■ 57.5870, 0.2036,
74.9072

■ 67.4180, -0.2061,
66.2854

■ 76.7760, 0.1104,
58.0784

■ 86.0200, -0.0099,
49.9715

■ 95.9650, 0.0173,
41.2497

■ 105.2090, -0.1030,
33.1427

■ 114.5670, 0.2135,
24.9357

■ 123.8110, 0.0932,
16.8288

■ 133.7560, 0.1203,
8.1070

Harmonies

Analogous

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



54.2610, 18.1123, 70.8081



48.2290, -0.1129, 83.1142



60.9310, -28.5600, 60.5735

Triad

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



48.2290, -0.1129, 83.1142



48.7210, -24.0195, -42.7283



65.2170, 44.2630, -57.1953

Complementary

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



48.2290, -0.1129, 83.1142



94.7710, 0.1129, -83.1142

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.



65.5300, 32.7697, -57.4698



48.2290, -0.1129, 83.1142



55.9540, -3.9213, -49.0717

Square

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



48.2290, -0.1129, 83.1142



63.1610, -31.1384, 0.7358



62.2580, 15.1558, -54.6003



56.8850, 47.8777, -49.8881

Rectangle

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



48.2290, -0.1129, 83.1142



65.4850, -32.2841, 41.6707



62.2580, 15.1558, -54.6003



65.8210, 41.5002, -57.7250

Sweetspot

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



48.2290, -0.1129, 83.1142



148.9100, 0.0444, 32.5279



44.1090, 48.7533, 42.8774



71.5340, 0.2297, 19.7027



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



48.2290, -0.1129, 83.1142



62.6820, -0.3362, 108.1499



55.0840, -27.1564, 77.1023



66.4350, 0.2785, 4.0035



45.4950, -0.2440, 78.4959



2.7340, 0.1311, 4.6183

Inverse Universe

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



48.2290, -0.1129, 83.1142



62.6820, -0.3362, 108.1499



87.9160, 27.1564, -77.1023



66.4350, 0.2785, 4.0035



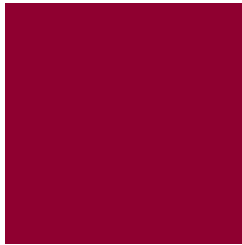
45.4950, -0.2440, 78.4959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 48.2290, -0.1129, 83.1142 looks on a white background.

Color Contrast Check

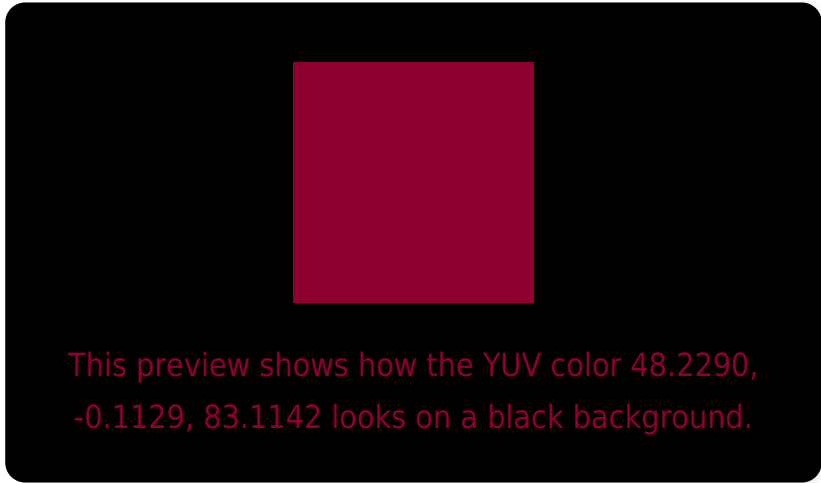
Large Text (above 18pt) WCAG AA ✓ Pass

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

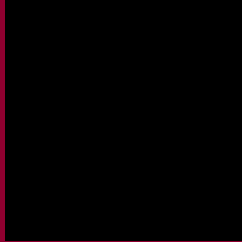
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.2290, -0.1129, 83.1142

Background



This preview shows how black text looks on a background with the YUV color 48.2290, -0.1129, 83.1142.



This preview shows how white text looks on a background with the YUV color 48.2290, -0.1129,

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

48.2290, -0.1129, 83.1142

Protanopia

73.3700, -1.1684, 1.4295

Deuteranopia

72.3750, -15.4679, 14.5801



Tritanopia

55.5490, -19.0047, 75.8175

Trichromacy



Original Color

48.2290, -0.1129, 83.1142

Protanomaly

64.0840, -0.5344, 31.4983

Deuteranomaly

64.0220, -9.8708, 39.4457

Tritanomaly

52.6940, -12.1741, 78.3214

Monochromacy



Original Color

48.2290, -0.1129, 83.1142

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.4860, -0.2396, 30.2688

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2290, -0.1129, 83.1142 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(143, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 48)  
}
```

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(143, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 48) }
```

Border

The CSS property to change the border of an element to YUV 48.2290, -0.1129, 83.1142 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(143, 0, 48) }
```


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

```
.border{ border-color:rgb(143, 0, 48) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(143, 0, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.2290, -0.1129, 83.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 48) }
```

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

```
.background{ background-color: rgb(143, 0,  
48) }
```

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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