

Converting Colors

YUV(52.4790, 0.7499, 86.4029)

Have a look what the booklet for
YUV(52.4790, 0.7499, 86.4029)
contains.

YUV(52.4790, 0.7499, 86.4029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.4790, 0.7499,
86.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	970236
RGB	151, 2, 54
RGB Percent	59%, 1%, 21%
CMY	0.4078, 0.9922, 0.7882
CMYK	0.00, 0.99, 0.64, 0.41
HSL	339°, 97%, 30%
HSV	339°, 99%, 59%
XYZ	13.4501, 6.8891, 4.1109
YIQ	52.4790, 72.1120, 47.7600

Conversions

Conversions Part 2

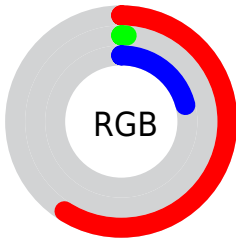
Format	Color
R_{YB}	151, 2, 54
Decimal	9896502
CIE Lab	31.55, 55.58, 14.89
CIE LCh	32, 57.545, 15.000
Yxy	6.8891, 0.5501, 0.2818
Android (android.graphics.Color)	4288086582 (0xFF970236)
YUV	52.4790, 0.7499, 86.4029
Hunter-Lab	26.2470, 45.5384, 9.0868

Details

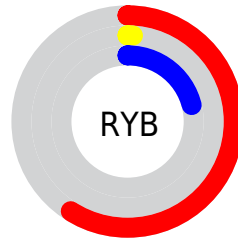
The YUV color **52.4790, 0.7499, 86.4029** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **100.5210, -0.7499, -86.4029**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9270, -8.8380, 81.6250**, and **28.7620, -8.7567, 55.4597** is the 20% darker color. If you saturate the color by 10%, you get **51.1910, 0.8918, 87.5325**, and if you desaturate by 10%, it is **62.4240, 0.7770, 77.6812**.

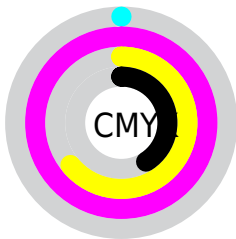
Distribution



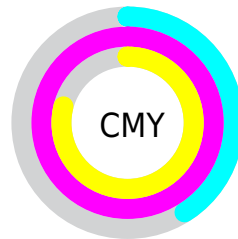
- Red (59%)
- Green (1%)
- Blue (21%)



- Red (59%)
- Yellow (1%)
- Blue (21%)



- Cyan (0%)
- Magenta (99%)
- Yellow (64%)
- Black (41%)



- Cyan (41%)
- Magenta (99%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4790, 0.7499, 86.4029 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 52.4790, 0.7499, 86.4029 by changing the saturation by 10% instead.

■ 52.4790, 0.7499,
86.4029

■ 52.4790, 0.7499,
86.4029

255.0000, 0.0000,
0.0000

■ 39.9410, -3.4219,
71.0887

■ 117.9270, -8.8380,
81.6250

■ 28.7620, -8.7567,
55.4597

■ 146.4820,
-10.5906, 83.7693

■ 19.6630, -8.7079,
39.7605

■ 169.7690, -9.2531,
74.7476

■ 9.9810, -4.4276,
20.1877

■ 189.2830, -5.5625,
57.6338


■ 0.0000, 0.0000,
0.0000


■ 208.7970, -1.8719,
40.5200


■ 229.0120, 1.9661,

22.7915

 248.5430, 3.1833,
5.6628


 52.4790, 0.7499,
86.4029

 52.4790, 0.7499,
86.4029


 51.1910, 0.8918,
87.5325

 62.4240, 0.7770,
77.6812

 72.3690, 0.8041,
68.9594

 82.2000, 0.3944,
60.3376

 92.1450, 0.4215,
51.6158

 102.0900, 0.4486,
42.8941

■ 112.6220, 0.1864,
33.6575

■ 122.5670, 0.2135,
24.9357

■ 132.5120, 0.2406,
16.2140

■ 142.3430, -0.1691,
7.5922

Harmonies

Analogous

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



61.0760, 18.6965, 70.0933



52.4790, 0.7499, 86.4029



65.0670, -28.1340, 63.9622

Triad

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



52.4790, 0.7499, 86.4029



51.6560, -25.4664, -45.3023



68.9500, 45.8736, -60.4691

Complementary

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



52.4790, 0.7499, 86.4029



100.5210, -0.7499, -86.4029

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.



69.7360, 33.6542, -61.1585



52.4790, 0.7499, 86.4029



59.5900, -5.2209, -52.2604

Square

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



52.4790, 0.7499, 86.4029



67.6020, -33.3278, 2.9800



65.5350, 15.0192, -57.4742



60.8460, 50.3619, -53.3619

Rectangle

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



52.4790, 0.7499, 86.4029



69.6380, -34.3315, 45.0445



65.5350, 15.0192, -57.4742



70.1410, 42.8215, -61.5137

Sweetspot

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



52.4790, 0.7499, 86.4029



157.0350, 0.4757, 34.1723



47.9890, 50.7844, 44.7366



75.8330, 0.0823, 20.3175



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



52.4790, 0.7499, 86.4029



66.4700, 1.2473, 113.5978



59.4650, -28.3302, 80.2762



71.7340, 0.1311, 4.6183



47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Inverse Universe

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



52.4790, 0.7499, 86.4029



66.4700, 1.2473, 113.5978



93.5350, 28.3302, -80.2762



71.7340, 0.1311, 4.6183



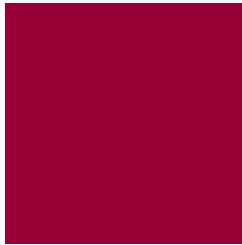
47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 52.4790, 0.7499, 86.4029 looks on a white background.

Color Contrast Check

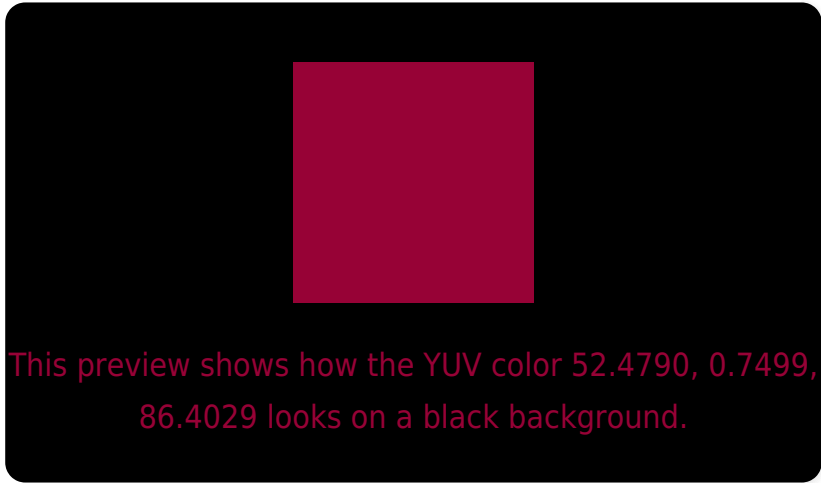
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4790, 0.7499, 86.4029

Background



This preview shows how black text looks on a background with the YUV color 52.4790, 0.7499, 86.4029.



This preview shows how white text looks on a background with the YUV color 52.4790, 0.7499,

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

52.4790, 0.7499, 86.4029

Protanopia

77.5270, 0.7262, 0.4148

Deuteranopia

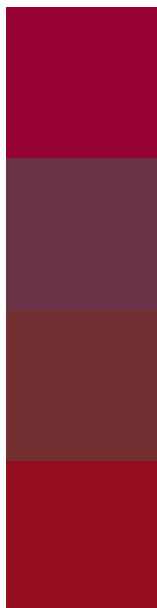
76.9020, -14.7417, 14.9949



Tritanopia

60.0440, -19.7417, 78.8914

Trichromacy



Original Color

52.4790, 0.7499, 86.4029

Protanomaly

68.7250, 0.6286, 31.8132

Deuteranomaly

68.2610, -9.0027, 40.9901

Tritanomaly

57.3030, -12.4744, 81.2953

Monochromacy



Original Color

52.4790, 0.7499, 86.4029

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3120, 0.3392, 31.2984

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4790, 0.7499, 86.4029 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(151, 2, 54)` looks like.

```
.text, #text, p{  
    color:rgb(151, 2, 54)  
}
```

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(151, 2, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 2, 54) }
```

Border

The CSS property to change the border of an element to YUV 52.4790, 0.7499, 86.4029 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(151, 2, 54) }
```


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

```
.border{ border-color:rgb(151, 2, 54) }
```

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

Here you see how a box with a 4 pixel rgb(151, 2, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 2, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 2, 54);  
box-shadow:4px 4px 4px 4px rgb(151, 2, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4790, 0.7499, 86.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 2, 54) }
```

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

```
.background{ background-color: rgb(151, 2,  
54) }
```

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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