

Converting Colors

YUV(82.4790, -2.7011, 73.2479)

Have a look what the booklet for
YUV(82.4790, -2.7011, 73.2479)
contains.

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Color

**YUV(82.4790, -2.7011,
73.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	A6294D
RGB	166, 41, 77
RGB Percent	65%, 16%, 30%
CMY	0.3490, 0.8392, 0.6980
CMYK	0.00, 0.75, 0.54, 0.35
HSL	343°, 60%, 41%
HSV	343°, 75%, 65%
XYZ	17.8584, 10.2287, 8.0543
YIQ	82.4790, 62.9440, 37.6960

Conversions

Conversions Part 2

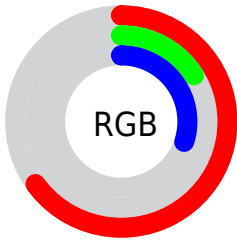
Format	Color
RYB	166, 41, 77
Decimal	10889549
CIELab	38.25, 52.54, 9.58
CIElCh	38, 53.407, 10.331
Yxy	10.2287, 0.4941, 0.2830
Android (android.graphics.Color)	4289079629 (0xFFA6294D)
YUV	82.4790, -2.7011, 73.2479
Hunter-Lab	31.9823, 43.7023, 7.4563

Details

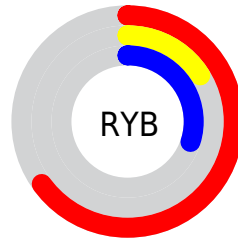
The YUV color **82.4790, -2.7011, 73.2479** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **124.5210, 2.7011, -73.2479**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8770, -6.3484, 76.4069**, and **36.0540, -1.5056, 63.0966** is the 20% darker color. If you saturate the color by 10%, you get **71.1320, -3.0231, 83.1992**, and if you desaturate by 10%, it is **93.8260, -2.3792, 63.2966**.

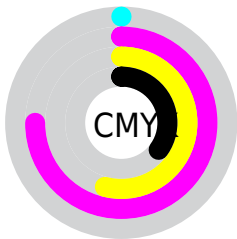
Distribution



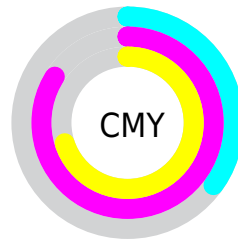
- Red (65%)
- Green (16%)
- Blue (30%)



- Red (65%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (75%)
- Yellow (54%)
- Black (35%)





- Cyan (35%)
- Magenta (84%)
- Yellow (70%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.4790, -2.7011, 73.2479 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 82.4790, -2.7011, 73.2479 by changing the saturation by 10% instead.


 82.4790, -2.7011,
73.2479

 82.4790, -2.7011,
73.2479


255.0000, 0.0000,
0.0000


 47.1190, 3.3923,
78.8256


 138.8770, -6.3484,
76.4069

 36.0540, -1.5056,
63.0966


 166.8340, -7.8062,
77.3216

 25.1740, -6.9878,
48.0824

 185.7610, -3.8262,
60.7226

 16.3740, -7.0864,
32.9980

 205.3890, 0.3012,
43.5088

 1.4950, -0.7370,
3.0739

 225.6040, 4.1392,
25.7803

 0.0000, 0.0000,
0.0000

 245.0210, 4.9196,

■ 82.4790, -2.7011,
73.2479

■ 82.4790, -2.7011,
73.2479

■ 71.1320, -3.0231,
83.1992

■ 93.8260, -2.3792,
63.2966

■ 60.3720, -3.6344,
92.6358

■ 104.5860, -1.7679,
53.8601

■ 55.1060, -3.5033,
97.2540

■ 115.8190, -1.8828,
44.0087

■ 126.5790, -1.2714,
34.5722

■ 137.9260, -0.9495,
24.6209

■ 149.2730, -0.6276,
14.6696

■ 160.0330, -0.0163,
5.2331

■ 171.3800, 0.3057,
-4.7183

■ 182.0260, 0.4802,
-14.0548

Harmonies

Analogous

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



87.8910, 15.8297, 56.2236



82.4790, -2.7011, 73.2479



84.5060, -23.9135, 63.5772

Triad

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



82.4790, -2.7011, 73.2479



75.5830, -31.3464, -25.9443



80.0690, 45.3220, -70.2205

Complementary

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



82.4790, -2.7011, 73.2479



124.5210, 2.7011, -73.2479

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.



79.9260, 32.0815, -70.0951



82.4790, -2.7011, 73.2479



70.1220, -5.4831, -61.4970

Square

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



82.4790, -2.7011, 73.2479



83.2950, -41.0644, 11.1423



75.8390, 13.8834, -66.5108



72.8940, 50.8313, -63.9280

Rectangle

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



82.4790, -2.7011, 73.2479



84.7050, -39.2946, 50.2477



75.8390, 13.8834, -66.5108



80.4450, 41.6856, -70.5503

Sweetspot

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



82.4790, -2.7011, 73.2479



183.5460, -1.2552, 29.3392



81.5620, 41.6279, 41.6031



89.2950, -0.6384, 18.1583



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



82.4790, -2.7011, 73.2479



86.6890, -4.2837, 114.2827



93.0500, -25.6607, 63.9771



78.6200, -0.3057, 4.7183



49.1540, -3.0339, 86.6879



6.6640, -0.3274, 11.6957

Inverse Universe

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



82.4790, -2.7011, 73.2479



86.6890, -4.2837, 114.2827



113.9500, 25.6607, -63.9771



78.6200, -0.3057, 4.7183



49.1540, -3.0339, 86.6879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 82.4790, -2.7011, 73.2479 looks on a white background.

Color Contrast Check

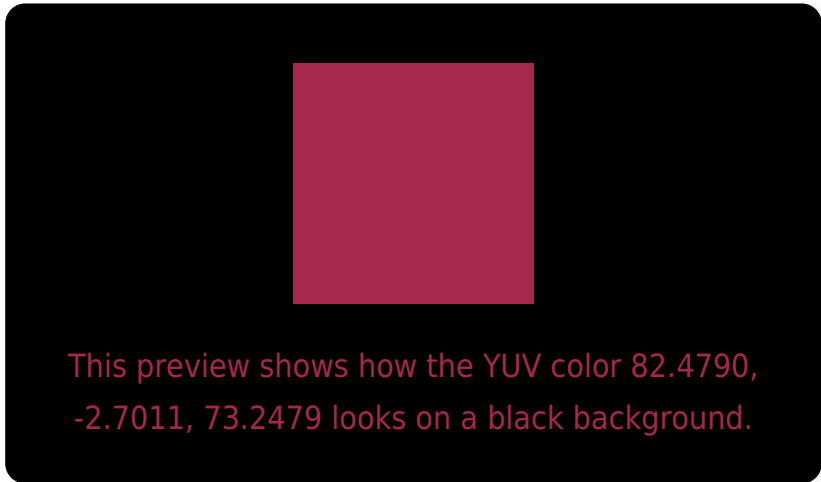
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

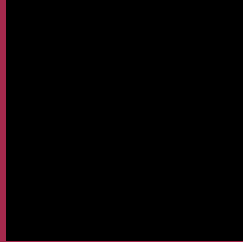
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.4790, -2.7011, 73.2479

Background



This preview shows how black text looks on a background with the YUV color 82.4790, -2.7011, 73.2479.



This preview shows how white text looks on a background with the YUV color 82.4790, -2.7011,

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

82.4790, -2.7011, 73.2479

Protanopia

91.6560, 5.0996, -2.3293

Deuteranopia

91.1560, -9.9369, 13.8952



Tritanopia

82.6240, -16.0836, 72.2438

Trichromacy



Original Color

82.4790, -2.7011, 73.2479

Protanomaly

88.4360, 2.2501, 25.0506

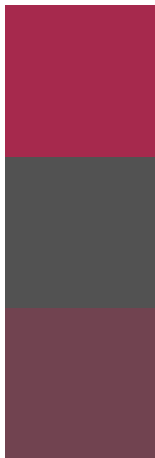
Deuteranomaly

87.6840, -7.2392, 35.3571

Tritanomaly

82.5900, -11.1369, 72.2736

Monochromacy



Original Color

82.4790, -2.7011, 73.2479

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2360, -1.1023, 26.9800

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4790, -2.7011, 73.2479 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(166, 41, 77)` looks like.

```
.text, #text, p{  
    color:rgb(166, 41, 77)  
}
```

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(166, 41, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 41, 77) }
```

Border

The CSS property to change the border of an element to YUV 82.4790, -2.7011, 73.2479 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(166, 41, 77) }
```


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

```
.border{ border-color:rgb(166, 41, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 41, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 41, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 41, 77);  
box-shadow:4px 4px 4px 4px rgb(166, 41,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 82.4790, -2.7011, 73.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 41, 77) }
```

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

```
.background{ background-color: rgb(166, 41,  
77) }
```

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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