

Converting Colors

YUV(82.0370, -26.1472,
33.2936)

Have a look what the booklet for
YUV(82.0370, -26.1472, 33.2936)
contains.

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Color

**YUV(82.0370, -26.1472,
33.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	78491D
RGB	120, 73, 29
RGB Percent	47%, 29%, 11%
CMY	0.5294, 0.7137, 0.8863
CMYK	0.00, 0.39, 0.76, 0.53
HSL	29°, 61%, 29%
HSV	29°, 76%, 47%
XYZ	10.3500, 8.8469, 2.3245
YIQ	82.0370, 42.1360, -3.7200

Conversions

Conversions Part 2

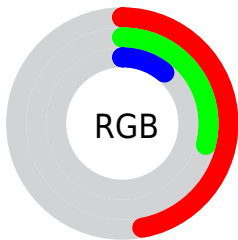
Format	Color
RYB	120, 114, 29
Decimal	7883037
CIELab	35.69, 15.97, 33.63
CIELCh	36, 37.235, 64.597
Yxy	8.8469, 0.4809, 0.4111
Android (android.graphics.Color)	4286073117 (0xFF78491D)
YUV	82.0370, -26.1472, 33.2936
Hunter-Lab	29.7437, 10.0620, 16.1870

Details

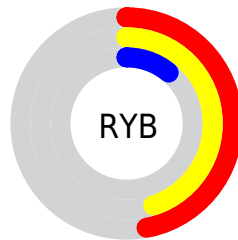
The YUV color **82.0370, -26.1472, 33.2936** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **66.9630, 26.1472, -33.2936**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7880, -28.4895, 37.8969**, and **37.0560, -18.2686, 26.2609** is the 20% darker color. If you saturate the color by 10%, you get **77.1470, -29.6525, 37.5821**, and if you desaturate by 10%, it is **86.9270, -22.6420, 29.0050**.

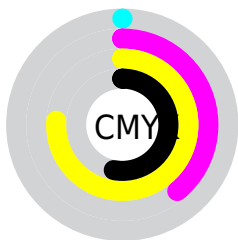
Distribution



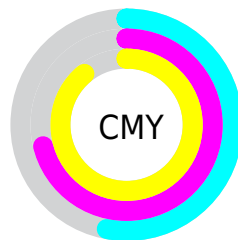
- Red (47%)
- Green (29%)
- Blue (11%)



- Red (47%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (39%)
- Yellow (76%)
- Black (53%)





- Cyan (53%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.0370, -26.1472, 33.2936 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 82.0370, -26.1472, 33.2936 by changing the saturation by 10% instead.


 82.0370, -26.1472,
33.2936


 82.0370, -26.1472,
33.2936


255.0000, 0.0000,
0.0000


 57.7270, -25.9944,
30.9344

 132.7880,
-28.4895, 37.8969


 37.0560, -18.2686,
26.2609


 159.5710,
-29.3685, 39.8412

 16.3680, -8.0694,
21.6023

 186.3540,
-30.2475, 41.7855

 0.0000, 0.0000,
0.0000

 212.0330,
-30.0893, 37.6821

 231.5470,
-26.3987, 20.5683

 249.4140,

-21.4031, 4.8989

252.6060, -9.1728,
2.0995

82.0370, -26.1472,
33.2936

82.0370, -26.1472,
33.2936

77.1470, -29.6525,
37.5821

86.9270, -22.6420,
29.0050

72.2570, -33.1577,
41.8706

91.8170, -19.1368,
24.7165

69.9260, -34.4735,
43.9149

97.2940, -15.9209,
19.9132

102.1840,
-12.4157, 15.6246

107.0740, -8.9105,
11.3361

■ 111.9640, -5.4053,
7.0476

■ 116.8540, -1.9000,
2.7590

■ 122.3310, 1.3158,
-2.0443

■ 127.2210, 4.8210,
-6.3328

Harmonies

Analogous

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



82.6870, -15.1287, 45.8785



82.0370, -26.1472, 33.2936



80.1780, -30.1608, 13.8759

Triad

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



82.0370, -26.1472, 33.2936



67.5580, 10.0779, -59.2484



85.8090, 23.2652, 4.5525

Complementary

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



82.0370, -26.1472, 33.2936



66.9630, 26.1472, -33.2936

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.



74.8570, 33.5945, -41.9706



82.0370, -26.1472, 33.2936



70.8640, 22.7450, -62.1477

Square

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



82.0370, -26.1472, 33.2936



67.6230, -5.2371, -47.0274



70.7960, 32.6386, -62.0881



86.0100, 11.8271, 33.3172

Rectangle

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



82.0370, -26.1472, 33.2936



78.4040, -26.3282, -2.1083



70.7960, 32.6386, -62.0881



83.9430, 26.6501, -7.8430

Sweetspot

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



82.0370, -26.1472, 33.2936



140.7430, -10.2263, 13.3804



61.5670, 7.1155, 51.2457



70.0350, -6.4263, 7.8623



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.



82.0370, -26.1472, 33.2936



96.3740, -40.6104, 52.2920



108.4520, -39.1698, 10.1276



58.5550, -1.7526, 2.1443



72.5950, -35.7893, 45.9592



146.9620, -72.4523, 92.1183

Inverse Universe

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



66.9630, 26.1472, -33.2936



73.0390, 40.8998, -51.7772



40.5480, 39.1698, -10.1276



57.4450, 1.7526, -2.1443



52.4050, 35.7893, -45.9592



105.0380, 72.4523, -92.1183

Previews

White Background



This preview shows how the YUV color 82.0370, -26.1472, 33.2936 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



This preview shows how the YUV color 82.0370, -26.1472, 33.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

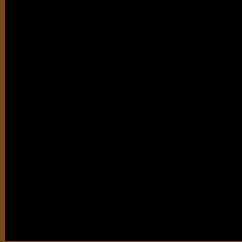
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0370, -26.1472, 33.2936

Background



This preview shows how black text looks on a background with the YUV color 82.0370, -26.1472, 33.2936.



This preview shows how white text looks on a background with the YUV color 82.0370, -26.1472,

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

82.0370, -26.1472, 33.2936

Protanopia

81.6490, -24.4770, 10.8318

Deuteranopia

81.7320, -26.9829, 21.2830



Tritanopia

84.7160, -5.7760, 32.6981

Trichromacy



Original Color

82.0370, -26.1472, 33.2936

Protanomaly

81.8780, -25.0829, 18.5240

Deuteranomaly

81.5800, -26.4149, 25.8013

Tritanomaly

83.7670, -13.1961, 32.6533

Monochromacy



Original Color

82.0370, -26.1472, 33.2936

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2590, -9.4947, 12.0509

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0370, -26.1472, 33.2936 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, 73, 29)` looks like.

```
.text, #text, p{  
    color:rgb(120, 73, 29)  
}
```

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, 73, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 73, 29) }
```

Border

The CSS property to change the border of an element to YUV 82.0370, -26.1472, 33.2936 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, 73, 29) }
```


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

```
.border{ border-color:rgb(120, 73, 29) }
```

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

Here you see how a box with a 4 pixel rgb(120, 73, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 73, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 73, 29);  
box-shadow:4px 4px 4px 4px rgb(120, 73,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 82.0370, -26.1472, 33.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 73, 29) }
```

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

```
.background{ background-color: rgb(120, 73,  
29) }
```

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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