

Converting Colors

YUV(72.1870, 26.5298,
-15.9500)

Have a look what the booklet for
YUV(72.1870, 26.5298, -15.9500)
contains.

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Color

**YUV(72.1870, 26.5298,
-15.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	36477E
RGB	54, 71, 126
RGB Percent	21%, 28%, 49%
CMY	0.7882, 0.7216, 0.5059
CMYK	0.57, 0.44, 0.00, 0.51
HSL	226°, 40%, 35%
HSV	226°, 57%, 49%
XYZ	7.5405, 6.7971, 20.6532
YIQ	72.1870, -27.7870, 13.5010

Conversions

Conversions Part 2

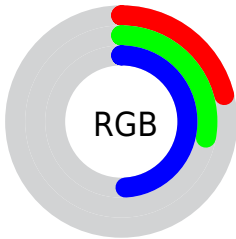
Format	Color
R_{YB}	54, 68, 126
Decimal	3557246
CIE _{Lab}	31.34, 10.79, -33.29
CIE _{LCh}	31, 34.997, 287.958
Yxy	6.7971, 0.2155, 0.1943
Android (android.graphics.Color)	4281747326 (0xFF36477E)
YUV	72.1870, 26.5298, -15.9500
Hunter-Lab	26.0713, 6.0019, -28.7187

Details

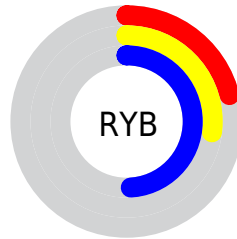
The YUV color **72.1870, 26.5298, -15.9500** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **107.8130, -26.5298, 15.9500**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9530, 28.1242, -13.9908**, and **25.1000, 25.0937, -22.0127** is the 20% darker color. If you saturate the color by 10%, you get **62.4300, 31.3400, -18.7941**, and if you desaturate by 10%, it is **81.9440, 21.7196, -13.1059**.

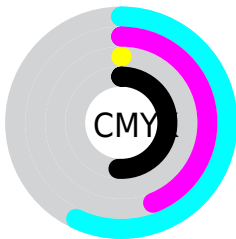
Distribution



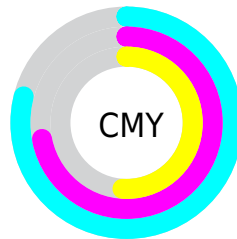
- Red (21%)
- Green (28%)
- Blue (49%)



- Red (21%)
- Yellow (27%)
- Blue (49%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (51%)



- Cyan (79%)
- Magenta (72%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1870, 26.5298, -15.9500 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 72.1870, 26.5298, -15.9500 by changing the saturation by 10% instead.

■ 72.1870, 26.5298,
-15.9500

■ 72.1870, 26.5298,
-15.9500

■ 255.0000, 0.0000,
0.0000

■ 48.0510, 26.1039,
-19.3387

■ 121.9530, 28.1242,
-13.9908

■ 25.1000, 25.0937,
-22.0127

■ 148.4800, 28.8504,
-13.5760

■ 6.6290, 22.8609,
-5.8136

■ 175.0070, 29.5765,
-13.1611

■ 4.7080, 12.9620,
-4.1289

■ 201.5080, 26.3716,
-11.8465

■ 0.3420, 1.3104,
-0.2999

■ 226.6150, 13.9938,
-8.4324

■ 0.0000, 0.0000,
0.0000

■ 252.3090, 1.3267,

-5.5330

■ 72.1870, 26.5298,
-15.9500

■ 72.1870, 26.5298,
-15.9500

■ 62.4300, 31.3400,
-18.7941

■ 81.9440, 21.7196,
-13.1059

■ 53.5590, 35.7134,
-21.5382

■ 90.8150, 17.3462,
-10.3618

■ 43.8020, 40.5236,
-24.3824

■ 100.5720, 12.5360,
-7.5176

■ 34.3440, 45.1864,
-26.6117

■ 110.0300, 7.8732,
-5.2883

■ 31.9740, 46.3548,
-28.0412

■ 119.2000, 3.3524,
-1.9294

■ 128.9570, -1.4578,
0.9147

■ 137.8280, -5.8312,
3.6588

■ 147.5850,
-10.6414, 6.5030

■ 157.0430,
-15.3042, 8.7323

Harmonies

Analogous

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



61.4380, 32.3221, -53.8811



72.1870, 26.5298, -15.9500



75.9910, 17.2594, 17.5479

Triad

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



72.1870, 26.5298, -15.9500



72.6060, -19.0328, 38.0565



57.4360, 1.7571, -50.3714

Complementary

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



72.1870, 26.5298, -15.9500



107.8130, -26.5298, 15.9500

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.



64.6710, -14.6278, -21.6365



72.1870, 26.5298, -15.9500



71.1560, -26.6989, 23.5422

Square

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



72.1870, 26.5298, -15.9500



72.4510, -7.1243, 45.2085



68.9640, -25.6183, 3.5396



61.3290, 14.1348, -53.7855

Rectangle

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



72.1870, 26.5298, -15.9500



75.1410, 9.7905, 33.2023



68.9640, -25.6183, 3.5396



56.4100, -2.1741, -49.4716

Sweetspot

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



72.1870, 26.5298, -15.9500



142.3010, 10.2046, -6.4030



102.4200, 2.7509, -42.4643



69.2860, 6.2680, -3.7588



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



72.1870, 26.5298, -15.9500



79.0300, 41.3972, -24.5823



67.5900, 28.7961, 3.8676



58.9720, 2.4788, -1.7294



32.2020, 47.2284, -28.2412



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.4660, -3.1877, 42.5643



87.4520, -5.1528, 66.2556



112.4100, -28.7961, -3.8676



59.3210, -0.1583, 4.1035



41.6920, -5.7642, 75.6921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 72.1870, 26.5298, -15.9500 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 72.1870, 26.5298, -15.9500 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 72.1870, 26.5298, -15.9500

Background



This preview shows how black text looks on a background with the YUV color 72.1870, 26.5298, -15.9500.



This preview shows how white text looks on a background with the YUV color 72.1870, 26.5298,

-15.9500.

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

72.1870, 26.5298, -15.9500

Protanopia

71.3930, 27.4143, -19.6387

Deuteranopia

68.4520, 27.8782, -28.4604



Tritanopia

68.1260, 8.8119, -26.4205

Trichromacy



Original Color

72.1870, 26.5298, -15.9500

Protanomaly

71.9910, 27.1194, -18.4091

Deuteranomaly

69.9580, 27.1357, -23.6422

Tritanomaly

69.8690, 15.3476, -22.6871

Monochromacy



Original Color

72.1870, 26.5298, -15.9500

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1870, 26.5298, -15.9500 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(54, 71, 126)` looks like.

```
.text, #text, p{  
    color:rgb(54, 71, 126)  
}
```

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(54, 71, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 71, 126) }
```

Border

The CSS property to change the border of an element to YUV 72.1870, 26.5298, -15.9500 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(54, 71, 126) }
```


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

```
.border{ border-color:rgb(54, 71, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 71, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 71, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 71, 126);  
box-shadow:4px 4px 4px 4px rgb(54, 71,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 72.1870, 26.5298, -15.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 71, 126) }
```

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

```
.background{ background-color: rgb(54, 71,  
126) }
```

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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