

Converting Colors

YUV(72.7000, 14.9379,
-31.3089)

Have a look what the booklet for
YUV(72.7000, 14.9379, -31.3089)
contains.

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Color

**YUV(72.7000, 14.9379,
-31.3089)**

Conversions

Conversions Part 1

Format	Color
Hex	255567
RGB	37, 85, 103
RGB Percent	15%, 33%, 40%
CMY	0.8549, 0.6667, 0.5961
CMYK	0.64, 0.17, 0.00, 0.60
HSL	196°, 47%, 27%
HSV	196°, 64%, 40%
XYZ	6.4596, 7.8696, 14.0105
YIQ	72.7000, -34.3860, -4.5780

Conversions

Conversions Part 2

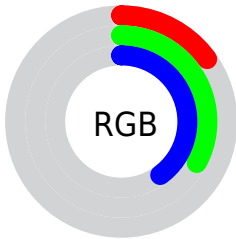
Format	Color
R_{YB}	37, 65, 103
Decimal	2446695
CIE _{Lab}	33.71, -10.22, -15.26
CIE _{LCh}	34, 18.370, 236.193
Yxy	7.8696, 0.2279, 0.2777
Android (android.graphics.Color)	4280636775 (0xFF255567)
YUV	72.7000, 14.9379, -31.3089
Hunter-Lab	28.0528, -7.9897, -9.9744

Details

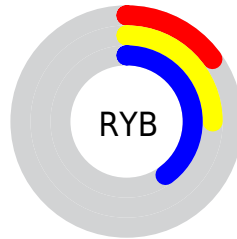
The YUV color **72.7000, 14.9379, -31.3089** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.3000, -14.9379, 31.3089**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4120, 15.0799, -30.1793**, and **29.8640, 12.8850, -26.1907** is the 20% darker color. If you saturate the color by 10%, you get **67.9490, 17.2801, -35.9123**, and if you desaturate by 10%, it is **77.4510, 12.5957, -26.7055**.

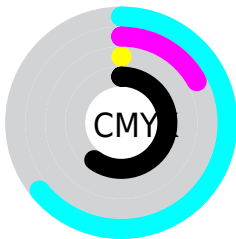
Distribution



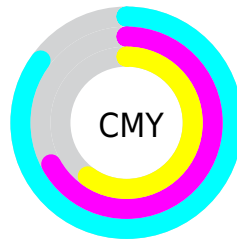
- Red (15%)
- Green (33%)
- Blue (40%)



- Red (15%)
- Yellow (25%)
- Blue (40%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7000, 14.9379, -31.3089 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 72.7000, 14.9379, -31.3089 by changing the saturation by 10% instead.

■ 72.7000, 14.9379,
-31.3089

■ 72.7000, 14.9379,
-31.3089

■ 255.0000, 0.0000,
0.0000

■ 46.5960, 15.9752,
-37.3567

■ 123.4120, 15.0799,
-30.1793

■ 29.8640, 12.8850,
-26.1907

■ 149.5260, 15.5167,
-30.2793

■ 15.7300, 9.5001,
-13.7952

■ 176.6400, 15.9535,
-30.3793

■ 1.2540, 4.8048,
-1.0998

■ 204.3410, 16.1009,
-30.9941

■ 0.0000, 0.0000,
0.0000

■ 231.2010, 11.7329,
-29.9943

■ 246.3290, 4.2748,

-17.8285

■ 72.7000, 14.9379,
-31.3089

■ 72.7000, 14.9379,
-31.3089

■ 67.9490, 17.2801,
-35.9123

■ 77.4510, 12.5957,
-26.7055

■ 62.8990, 19.7698,
-41.1304

■ 82.5010, 10.1060,
-21.4874

■ 58.7350, 21.8226,
-46.2486

■ 86.6650, 8.0532,
-16.3692

■ 55.7670, 23.2859,
-48.9077

■ 91.4160, 5.7109,
-11.7658

■ 96.4660, 3.2213,
-6.5477

■ 101.2170, 0.8790,
-1.9443

■ 105.9680, -1.4632,
2.6591

■ 110.1320, -3.5161,
7.7772

■ 115.1820, -6.0057,
12.9954

Harmonies

Analogous

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



70.8260, 10.4388, -34.9274



72.7000, 14.9379, -31.3089



76.9020, 15.3313, -17.4541

Triad

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



72.7000, 14.9379, -31.3089



80.9580, 0.5137, 21.9618



76.9000, -11.7827, -0.7893

Complementary

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



72.7000, 14.9379, -31.3089



67.3000, -14.9379, 31.3089

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.



78.6950, -14.1466, 10.7915



72.7000, 14.9379, -31.3089



80.4330, -6.6225, 24.1763

Square

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



72.7000, 14.9379, -31.3089



81.3250, 7.2348, 12.8700



79.7330, -11.7004, 19.5282



75.3050, -6.0664, -14.2995

Rectangle

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



72.7000, 14.9379, -31.3089



79.5120, 13.5516, -6.5880



79.7330, -11.7004, 19.5282



77.5800, -13.1039, 2.9993

Sweetspot

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



72.7000, 14.9379, -31.3089



123.1170, 5.8583, -12.3806



77.7940, -11.2374, -35.7763



61.8680, 3.5161, -7.7772



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



72.7000, 14.9379, -31.3089



87.4680, 23.4333, -49.5224



53.3290, 24.4878, -14.3205



48.9180, 1.0264, -2.5591



61.8310, 26.2123, -54.2258



130.9000, 54.7723, -114.7993

Inverse Universe

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



62.2060, 11.2374, 35.7763



70.7600, 17.8663, 56.3385



86.6710, -24.4878, 14.3205



47.9510, 1.0102, 2.6740



43.8470, 19.3024, 62.4012



92.4220, 41.2040, 131.1799

Previews

White Background



This preview shows how the YUV color 72.7000, 14.9379, -31.3089 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 72.7000, 14.9379, -31.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

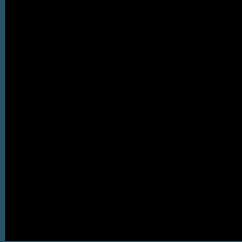
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7000, 14.9379, -31.3089

Background



This preview shows how black text looks on a background with the YUV color 72.7000, 14.9379, -31.3089.



This preview shows how white text looks on a background with the YUV color 72.7000, 14.9379,

-31.3089.

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

72.7000, 14.9379, -31.3089

Protanopia

79.0840, 9.3256, -4.4587

Deuteranopia

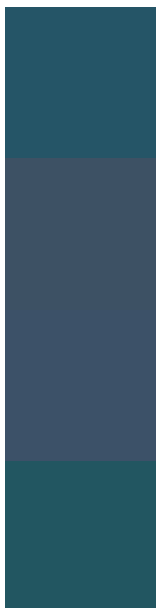
79.5830, 12.5306, -5.7733



Tritanopia

71.3530, 11.1650, -34.5126

Trichromacy



Original Color

72.7000, 14.9379, -31.3089

Protanomaly

77.1860, 11.2473, -14.1951

Deuteranomaly

77.3430, 13.1419, -15.2098

Tritanomaly

71.7060, 12.4699, -33.0682

Monochromacy



Original Color

72.7000, 14.9379, -31.3089

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7150, 5.5635, -11.1511

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7000, 14.9379, -31.3089 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(37, 85, 103)` looks like.

```
.text, #text, p{  
    color:rgb(37, 85, 103)  
}
```

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(37, 85, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 85, 103) }
```

Border

The CSS property to change the border of an element to YUV 72.7000, 14.9379, -31.3089 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(37, 85, 103) }
```


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

```
.border{ border-color:rgb(37, 85, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 85, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 85, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 85, 103);  
box-shadow:4px 4px 4px 4px rgb(37, 85,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 72.7000, 14.9379, -31.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 85, 103) }
```

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

```
.background{ background-color: rgb(37, 85,  
103) }
```

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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