

Converting Colors

YUV(71.4350, 30.3515,
-28.4455)

Have a look what the booklet for
YUV(71.4350, 30.3515, -28.4455)
contains.

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Color

**YUV(71.4350, 30.3515,
-28.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	274C85
RGB	39, 76, 133
RGB Percent	15%, 30%, 52%
CMY	0.8471, 0.7020, 0.4784
CMYK	0.71, 0.43, 0.00, 0.48
HSL	216°, 55%, 34%
HSV	216°, 71%, 52%
XYZ	7.6548, 7.2937, 23.1947
YIQ	71.4350, -40.3490, 9.8830

Conversions

Conversions Part 2

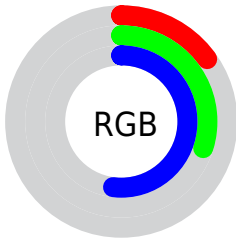
Format	Color
R_{YB}	39, 66, 133
Decimal	2575493
CIE _{Lab}	32.47, 7.02, -35.88
CIE _{LCh}	32, 36.563, 281.066
Yxy	7.2937, 0.2007, 0.1912
Android (android.graphics.Color)	4280765573 (0xFF274C85)
YUV	71.4350, 30.3515, -28.4455
Hunter-Lab	27.0068, 3.3320, -32.0162

Details

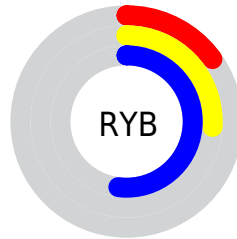
The YUV color **71.4350, 30.3515, -28.4455** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **100.5650, -30.3515, 28.4455**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8100, 31.6457, -23.5124**, and **28.8330, 26.7043, -25.2865** is the 20% darker color. If you saturate the color by 10%, you get **62.8520, 34.5830, -32.3192**, and if you desaturate by 10%, it is **80.0180, 26.1201, -24.5718**.

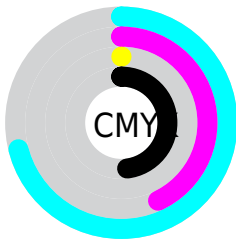
Distribution



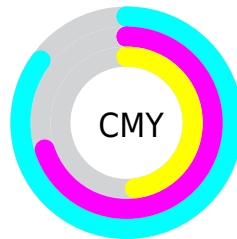
- Red (15%)
- Green (30%)
- Blue (52%)



- Red (15%)
- Yellow (26%)
- Blue (52%)



- Cyan (71%)
- Magenta (43%)
- Yellow (0%)
- Black (48%)



- Cyan (85%)
- Magenta (70%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4350, 30.3515, -28.4455 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 71.4350, 30.3515, -28.4455 by changing the saturation by 10% instead.

■ 71.4350, 30.3515,
-28.4455

■ 71.4350, 30.3515,
-28.4455

■ 255.0000, 0.0000,
0.0000

■ 43.8960, 31.1103,
-38.4968

■ 122.8100, 31.6457,
-23.5124

■ 28.8330, 26.7043,
-25.2865

■ 149.2230, 31.9351,
-22.9976

■ 12.0090, 23.1666,
-10.5319

■ 176.7500, 32.6613,
-22.5828

■ 5.3920, 15.5827,
-4.7288

■ 202.3390, 25.9619,
-20.4683

■ 2.0690, 5.3890,
-1.8145

■ 227.1470, 13.7315,
-17.6689

■ 0.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,

-11.6808

■ 71.4350, 30.3515,
-28.4455

■ 71.4350, 30.3515,
-28.4455

■ 62.8520, 34.5830,
-32.3192

■ 80.0180, 26.1201,
-24.5718

■ 53.9700, 38.9618,
-36.8077

■ 88.9000, 21.7413,
-20.0833

■ 45.6860, 43.0458,
-40.0666

■ 97.4830, 17.5099,
-16.2096

■ 106.0660, 13.2785,
-12.3359

■ 114.9480, 8.8996,
-7.8474

■ 123.5310, 4.6682,
-3.9737

■ 132.1140, 0.4368,
-0.1000

■ 141.2840, -4.0840,
3.2589

■ 150.1660, -8.4628,
7.7474

Harmonies

Analogous

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



64.8290, 32.6223, -56.8550



71.4350, 30.3515, -28.4455



78.7560, 20.3333, 11.6150

Triad

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



71.4350, 30.3515, -28.4455



74.7960, -17.1544, 42.2749



58.7410, -0.8583, -51.5159

Complementary

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



71.4350, 30.3515, -28.4455



100.5650, -30.3515, 28.4455

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.



68.2650, -18.8646, -16.0184



71.4350, 30.3515, -28.4455



73.7760, -27.0046, 28.2604

Square

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



71.4350, 30.3515, -28.4455



74.9720, -3.9302, 47.3826



71.4870, -28.8341, 8.3429



62.7480, 11.9562, -55.0300

Rectangle

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



71.4350, 30.3515, -28.4455



78.3300, 13.1483, 29.5286



71.4870, -28.8341, 8.3429



61.4990, -7.1480, -40.7796

Sweetspot

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



71.4350, 30.3515, -28.4455



149.3220, 11.6733, -10.8064



100.5620, -2.7421, -53.9899



72.7910, 7.0050, -6.8327



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



71.4350, 30.3515, -28.4455



76.8040, 47.4246, -44.5551



52.4070, 39.7323, -3.8649



61.8580, 2.0420, -1.6295



44.7570, 42.0248, -39.2519



0.9290, 1.0210, -0.8147

Inverse Universe

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



71.3240, 2.3053, 54.0899



76.5650, 3.6655, 84.5735



119.5930, -39.7323, 3.8649



62.0220, -0.0108, 3.4887



44.6840, 3.1138, 74.8221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 71.4350, 30.3515, -28.4455 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 71.4350, 30.3515, -28.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

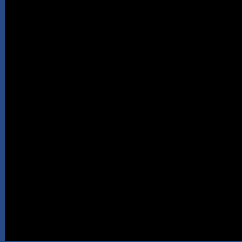
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4350, 30.3515, -28.4455

Background



This preview shows how black text looks on a background with the YUV color 71.4350, 30.3515, -28.4455.



This preview shows how white text looks on a background with the YUV color 71.4350, 30.3515,

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

71.4350, 30.3515, -28.4455

Protanopia

73.6210, 28.2878, -19.8386

Deuteranopia

69.3310, 31.3888, -34.4933



Tritanopia

60.2690, 15.1504, -52.8559

Trichromacy



Original Color

71.4350, 30.3515, -28.4455

Protanomaly

73.1260, 29.0249, -22.9125

Deuteranomaly

70.2280, 30.9466, -32.6490

Tritanomaly

64.4040, 20.5068, -44.2043

Monochromacy



Original Color

71.4350, 30.3515, -28.4455

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2080, 11.2365, -10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4350, 30.3515, -28.4455 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(39, 76, 133)` looks like.

```
.text, #text, p{  
    color:rgb(39, 76, 133)  
}
```

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(39, 76, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 76, 133) }
```

Border

The CSS property to change the border of an element to YUV 71.4350, 30.3515, -28.4455 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(39, 76, 133) }
```


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

```
.border{ border-color:rgb(39, 76, 133) }
```

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

Here you see how a box with a 4 pixel rgb(39, 76, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 76, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 76, 133);  
box-shadow:4px 4px 4px 4px rgb(39, 76,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 71.4350, 30.3515, -28.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 76, 133) }
```

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

```
.background{ background-color: rgb(39, 76,  
133) }
```

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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