

Converting Colors

YUV(71.3240, 38.7873,
-27.4711)

Have a look what the booklet for
YUV(71.3240, 38.7873, -27.4711)
contains.

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Color

**YUV(71.3240, 38.7873,
-27.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	284896
RGB	40, 72, 150
RGB Percent	16%, 28%, 59%
CMY	0.8431, 0.7176, 0.4118
CMYK	0.73, 0.52, 0.00, 0.41
HSL	223°, 58%, 37%
HSV	223°, 73%, 59%
XYZ	8.6975, 7.2879, 29.8025
YIQ	71.3240, -44.1100, 17.4740

Conversions

Conversions Part 2

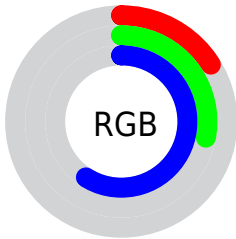
Format	Color
R_{YB}	40, 65, 150
Decimal	2640022
CIE _{Lab}	32.45, 16.46, -46.32
CIE _{LCh}	32, 49.154, 289.568
Yxy	7.2879, 0.1900, 0.1592
Android (android.graphics.Color)	4280830102 (0xFF284896)
YUV	71.3240, 38.7873, -27.4711
Hunter-Lab	26.9960, 10.2653, -46.5564

Details

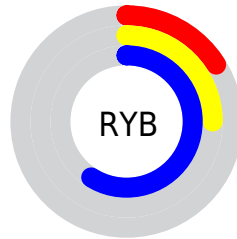
The YUV color **71.3240, 38.7873, -27.4711** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **118.6760, -38.7873, 27.4711**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7100, 40.0760, -20.7937**, and **28.7820, 34.1245, -25.2418** is the 20% darker color. If you saturate the color by 10%, you get **60.3820, 44.1817, -31.0300**, and if you desaturate by 10%, it is **82.2660, 33.3929, -23.9123**.

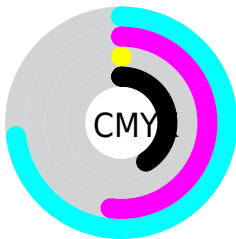
Distribution



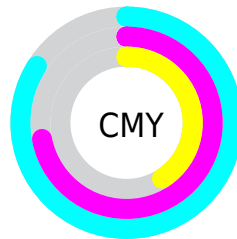
- Red (16%)
- Green (28%)
- Blue (59%)



- Red (16%)
- Yellow (25%)
- Blue (59%)



- Cyan (73%)
- Magenta (52%)
- Yellow (0%)
- Black (41%)



- Cyan (84%)
- Magenta (72%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3240, 38.7873, -27.4711 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 71.3240, 38.7873, -27.4711 by changing the saturation by 10% instead.

■ 71.3240, 38.7873,
-27.4711

■ 71.3240, 38.7873,
-27.4711

■ 255.0000, 0.0000,
0.0000

■ 43.4860, 39.6934,
-38.1372

■ 123.7100, 40.0760,
-20.7937

■ 28.7820, 34.1245,
-25.2418

■ 150.5360, 40.6548,
-19.7641

■ 11.3710, 30.8761,
-9.9724

■ 176.9770, 38.4653,
-17.5198

■ 8.0480, 20.6823,
-7.0581

■ 201.1980, 26.5244,
-14.2056

■ 4.4800, 12.0884,
-3.9290

■ 226.3050, 14.1466,
-10.7915

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,

-6.7625

■ 71.3240, 38.7873,
-27.4711

■ 71.3240, 38.7873,
-27.4711

■ 60.3820, 44.1817,
-31.0300

■ 82.2660, 33.3929,
-23.9123

■ 50.0270, 49.2867,
-35.1037

■ 92.6210, 28.2878,
-19.8386

■ 42.9280, 52.7865,
-37.6479

■ 103.5630, 22.8934,
-16.2798

■ 114.5050, 17.4990,
-12.7209

■ 124.8600, 12.3940,
-8.6472

■ 135.8020, 6.9996,
-5.0884

■ 146.1570, 1.8946,
-1.0147

■ 157.0990, -3.4998,
2.5442

■ 168.0410, -8.8942,
6.1030

Harmonies

Analogous

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



67.3370, 42.2319, -59.0545



71.3240, 38.7873, -27.4711



78.1800, 24.0683, 27.0291

Triad

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



71.3240, 38.7873, -27.4711



71.2180, -27.2225, 51.5518



61.5450, -0.2687, -53.9750

Complementary

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



71.3240, 38.7873, -27.4711



118.6760, -38.7873, 27.4711

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.



57.2140, -18.3465, -42.2837



71.3240, 38.7873, -27.4711



72.1860, -35.5877, 27.9009

Square

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



71.3240, 38.7873, -27.4711



69.0560, -7.9156, 65.7259



68.7650, -33.9011, 0.2061



66.6920, 16.9138, -58.4889

Rectangle

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



71.3240, 38.7873, -27.4711



73.9180, 14.8304, 50.0609



68.7650, -33.9011, 0.2061



59.4760, -5.6577, -52.1605

Sweetspot

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



71.3240, 38.7873, -27.4711



163.5330, 15.0202, -10.9914



113.3480, 1.8004, -64.3262



78.9590, 8.8942, -6.1030



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



71.3240, 38.7873, -27.4711



71.8440, 60.2229, -42.8362



59.1180, 44.8048, 2.5275



68.9720, 2.4788, -1.7294



39.2120, 48.7025, -34.3889



2.9010, 3.4998, -2.5442

Inverse Universe

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



76.5380, -2.2372, 64.4262



79.8290, -3.3667, 100.1280



130.8820, -44.8048, -2.5275



69.3210, -0.1583, 4.1035



45.8220, -2.8702, 80.8401



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 71.3240, 38.7873, -27.4711 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 71.3240, 38.7873, -27.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

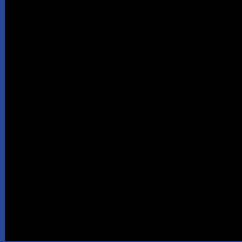
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3240, 38.7873, -27.4711

Background



This preview shows how black text looks on a background with the YUV color 71.3240, 38.7873, -27.4711.



This preview shows how white text looks on a background with the YUV color 71.3240, 38.7873, -27.4711.

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

71.3240, 38.7873, -27.4711

Protanopia

67.3550, 41.7300, -38.0223

Deuteranopia

61.2900, 36.8320, -53.7513



Tritanopia

60.2690, 15.1504, -52.8559

Trichromacy



Original Color

71.3240, 38.7873, -27.4711

Protanomaly

69.0350, 40.4087, -34.2337

Deuteranomaly

65.1710, 37.3837, -44.0000

Tritanomaly

64.2130, 23.5590, -43.1598

Monochromacy



Original Color

71.3240, 38.7873, -27.4711

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0170, 14.2886, -9.6619

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3240, 38.7873, -27.4711 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(40, 72, 150)` looks like.

```
.text, #text, p{  
    color:rgb(40, 72, 150)  
}
```

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(40, 72, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 72, 150) }
```

Border

The CSS property to change the border of an element to YUV 71.3240, 38.7873, -27.4711 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(40, 72, 150) }
```


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

```
.border{ border-color:rgb(40, 72, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 72, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 72, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 72, 150);  
box-shadow:4px 4px 4px 4px rgb(40, 72,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 71.3240, 38.7873, -27.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 72, 150) }
```

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

```
.background{ background-color: rgb(40, 72,  
150) }
```

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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