

Converting Colors

YUV(73.2670, 72.3394, -9.0042)

Have a look what the booklet for
YUV(73.2670, 72.3394, -9.0042)
contains.

YUV(73.2670, 72.3394, -9.0042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.2670, 72.3394,
-9.0042)**

Conversions

Conversions Part 1

Format	Color
Hex	3F32DC
RGB	63, 50, 220
RGB Percent	25%, 20%, 86%
CMY	0.7529, 0.8039, 0.1373
CMYK	0.71, 0.77, 0.00, 0.14
HSL	245°, 71%, 53%
HSV	245°, 77%, 86%
XYZ	16.1088, 8.5053, 68.5028
YIQ	73.2670, -46.8220, 55.6260

Conversions

Conversions Part 2

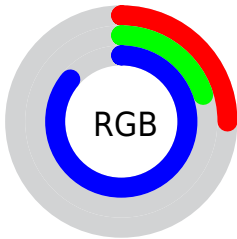
Format	Color
R_{YB}	63, 50, 220
Decimal	4141788
CIE _{Lab}	35.01, 56.81, -83.42
CIE _{LCh}	35, 100.929, 304.258
Yxy	8.5053, 0.1730, 0.0913
Android (android.graphics.Color)	4282331868 (0xFF3F32DC)
YUV	73.2670, 72.3394, -9.0042
Hunter-Lab	29.1638, 47.5587, -118.8515

Details

The YUV color **73.2670, 72.3394, -9.0042** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **196.7330, -72.3394, 9.0042**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5370, 62.8393, 4.7911**, and **18.5820, 71.1981, -16.2964** is the 20% darker color. If you saturate the color by 10%, you get **54.3730, 81.6541, -9.9741**, and if you desaturate by 10%, it is **92.1610, 63.0246, -8.0342**.

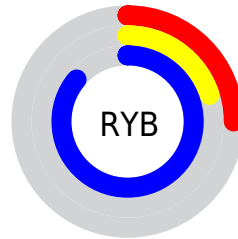
Distribution



Red (25%)

Green (20%)

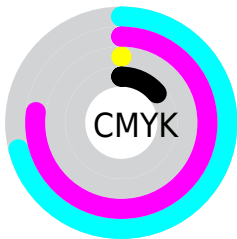
Blue (86%)



Red (25%)

Yellow (20%)

Blue (86%)

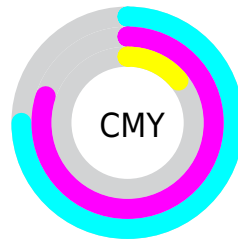


Cyan (71%)

Magenta (77%)

Yellow (0%)

Black (14%)



Cyan (75%)

Magenta (80%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2670, 72.3394, -9.0042 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 73.2670, 72.3394, -9.0042 by changing the saturation by 10% instead.

■ 73.2670, 72.3394,
-9.0042

■ 73.2670, 72.3394,
-9.0042

255.0000, 0.0000,
0.0000

■ 36.4490, 76.1936,
-31.9658

■ 127.5370, 62.8393,
4.7911

■ 18.5820, 71.1981,
-16.2964

■ 152.0680, 50.7455,
10.4644

■ 15.5040, 59.4045,
-13.5970

■ 177.1860, 38.3623,
15.6229

■ 12.5400, 48.0478,
-10.9976

■ 202.3040, 25.9791,
20.7814

■ 16.0330, 33.5077,
-14.0609

■ 227.4110, 13.6014,
24.1956

■ 10.3620, 24.4715,
-9.0875

■ 244.4340, 5.2090,

■ 5.3920, 15.5827,

9.2664

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 73.2670, 72.3394,
-9.0042

■ 73.2670, 72.3394,
-9.0042

■ 54.3730, 81.6541,
-9.9741

■ 92.1610, 63.0246,
-8.0342

■ 35.1800, 91.1163,
-11.5589

■ 111.3540, 53.5625,
-6.4495

■ 30.1630, 93.5896,
-11.5440

■ 130.2480, 44.2477,
-5.4795

■ 149.1420, 34.9330,
-4.5095

■ 168.3350, 25.4708,
-2.9248

■ 187.2290, 16.1561,
-1.9548

■ 206.1230, 6.8414,
-0.9849

■ 225.3160, -2.6208,
0.5999

■ 244.2100,
-11.9355, 1.5698

Harmonies

Analogous

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



83.6780, 81.9967, -73.3856



73.2670, 72.3394, -9.0042



71.3760, 40.7336, 95.2632

Triad

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



73.2670, 72.3394, -9.0042



71.2870, -35.1445, 72.5393



74.5850, 9.0786, -65.4110

Complementary

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



73.2670, 72.3394, -9.0042



196.7330, -72.3394, 9.0042

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.



62.2220, -30.6754, -54.5687



73.2670, 72.3394, -9.0042



76.5170, -37.7229, 12.7016

Square

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



73.2670, 72.3394, -9.0042



58.9030, -29.0392, 121.1111



58.7000, -28.9391, -51.4799



84.8790, 43.4437, -74.4389

Rectangle

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



73.2670, 72.3394, -9.0042



73.2220, 14.1876, 116.4463



58.7000, -28.9391, -51.4799



70.6920, -3.2992, -61.9969

Sweetspot

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



73.2670, 72.3394, -9.0042



204.2210, 25.0340, -2.8248



162.7130, 28.2425, -98.8493



97.0010, 15.2825, -1.7549



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



73.2670, 72.3394, -9.0042



50.4000, 100.8678, -12.6288



98.0840, 60.1046, 42.0223



100.5530, 4.6574, -0.4850



23.6090, 73.6498, -9.3041



6.4400, 19.5031, -2.1399

Inverse Universe

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



118.7280, 43.5181, 88.8155



113.8290, 60.7233, 123.8070



171.9160, -60.1046, -42.0223



103.4290, 2.7465, 5.7628



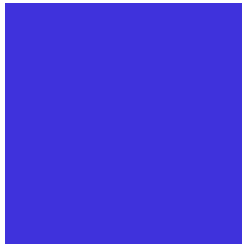
69.9670, 44.3863, 90.3599



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 73.2670, 72.3394, -9.0042 looks on a white background.

Color Contrast Check

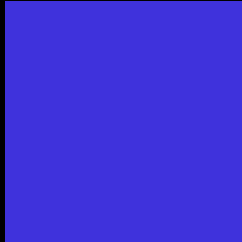
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.2670, 72.3394, -9.0042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

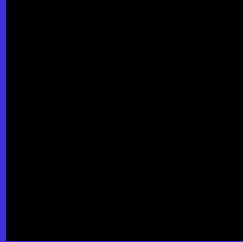
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2670, 72.3394, -9.0042

Background



This preview shows how black text looks on a background with the YUV color 73.2670, 72.3394, -9.0042.



This preview shows how white text looks on a background with the YUV color 73.2670, 72.3394, -9.0042.

-9.0042.

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

73.2670, 72.3394, -9.0042

Protanopia

65.2970, 49.6466, -57.2655

Deuteranopia

65.4960, 37.7165, -57.4400



Tritanopia

64.4750, 16.0348, -56.5446

Trichromacy



Original Color

73.2670, 72.3394, -9.0042

Protanomaly

67.9970, 58.1755, -39.4624

Deuteranomaly

68.5210, 50.0291, -39.9219

Tritanomaly

67.6770, 36.6412, -39.1817

Monochromacy



Original Color

73.2670, 72.3394, -9.0042

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1500, 26.0550, -3.6396

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2670, 72.3394, -9.0042 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(63, 50, 220)` looks like.

```
.text, #text, p{  
    color:rgb(63, 50, 220)  
}
```

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(63, 50, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 50, 220) }
```

Border

The CSS property to change the border of an element to YUV 73.2670, 72.3394, -9.0042 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(63, 50, 220) }
```


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

```
.border{ border-color:rgb(63, 50, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 50, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(63, 50, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(63, 50, 220); box-shadow:4px 4px 4px 4px rgb(63, 50, 220) }
```

Background

The CSS property to change the background color of an element to YUV 73.2670, 72.3394, -9.0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 50, 220) }
```

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

```
.background{ background-color: rgb(63, 50,  
220) }
```

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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