

Converting Colors

YUV(85.7090, 72.1215, 14.2872)

Have a look what the booklet for
YUV(85.7090, 72.1215, 14.2872)
contains.

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Color

**YUV(85.7090, 72.1215,
14.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	6631E8
RGB	102, 49, 232
RGB Percent	40%, 19%, 91%
CMY	0.6000, 0.8078, 0.0902
CMYK	0.56, 0.79, 0.00, 0.09
HSL	257°, 80%, 55%
HSV	257°, 79%, 91%
XYZ	21.1433, 10.8476, 77.3234
YIQ	85.7090, -27.1550, 68.1490

Conversions

Conversions Part 2

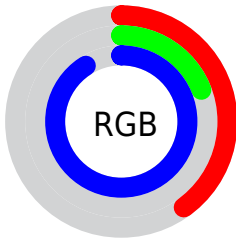
Format	Color
R _Y B	102, 49, 232
Decimal	6697448
CIE Lab	39.32, 64.50, -83.05
CIE LCh	39, 105.155, 307.833
Yxy	10.8476, 0.1934, 0.0992
Android (android.graphics.Color)	4284887528 (0xFF6631E8)
YUV	85.7090, 72.1215, 14.2872
Hunter-Lab	32.9357, 56.9518, -116.1405

Details

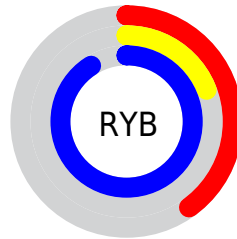
The YUV color **85.7090, 72.1215, 14.2872** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **195.2910, -72.1215, -14.2872**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2790, 57.5435, 23.4343**, and **24.7340, 74.0811, -7.6597** is the 20% darker color. If you saturate the color by 10%, you get **67.4240, 81.1360, 16.2912**, and if you desaturate by 10%, it is **103.9940, 63.1070, 12.2833**.

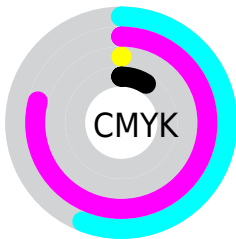
Distribution



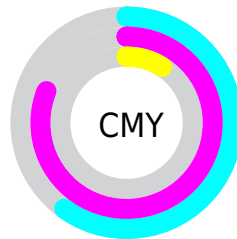
- Red (40%)
- Green (19%)
- Blue (91%)



- Red (40%)
- Yellow (19%)
- Blue (91%)



- Cyan (56%)
- Magenta (79%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (81%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7090, 72.1215, 14.2872 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 85.7090, 72.1215, 14.2872 by changing the saturation by 10% instead.

■ 85.7090, 72.1215,
14.2872

■ 85.7090, 72.1215,
14.2872

■ 255.0000, 0.0000,
0.0000

■ 53.7410, 73.5847,
11.6281

■ 138.2790, 57.5435,
23.4343

■ 24.7340, 74.0811,
-7.6597

■ 163.3970, 45.1603,
28.5928

■ 16.7580, 64.2093,
-14.6968

■ 189.1020, 32.4877,
33.2365

■ 13.7940, 52.8526,
-12.0973

■ 213.3230, 20.5468,
36.5507

■ 10.7160, 41.0590,
-9.3979

■ 230.3460, 12.1544,
21.6216

■ 12.6760, 28.2607,
-11.1169

■ 247.3690, 3.7621,

■ 7.5920, 18.9351,

6.6924

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 85.7090, 72.1215,
14.2872

■ 85.7090, 72.1215,
14.2872

■ 67.4240, 81.1360,
16.2912

■ 103.9940, 63.1070,
12.2833

■ 48.8400, 90.2979,
17.6803

■ 122.5780, 53.9450,
10.8941

■ 46.4810, 91.4609,
17.9952

■ 141.4500, 44.6412,
8.3754

■ 160.0340, 35.4792,
6.9862

■ 178.3190, 26.4647,
4.9822

■ 196.9030, 17.3028,
3.5931

■ 215.1880, 8.2883,
1.5891

■ 234.3590, -1.1630,
-0.3148

■ 250.8830, -9.3093,
-0.7744

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



85.7090, 72.1215, 14.2872



78.8230, 39.5273, 108.9032

Triad

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



85.7090, 72.1215, 14.2872



83.6580, -41.2434, 68.7059



84.6100, 14.4893, -74.2030

Complementary

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



85.7090, 72.1215, 14.2872



195.2910, -72.1215, -14.2872

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.



71.3350, -28.7592, -62.5608



85.7090, 72.1215, 14.2872



84.7460, -41.7798, 7.2388

Square

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



85.7090, 72.1215, 14.2872



63.0890, -31.1029, 129.7179



66.3310, -32.7012, -58.1723



94.7730, 50.8909, -83.1159

Rectangle

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



85.7090, 72.1215, 14.2872



79.6150, 11.5288, 129.2566



66.3310, -32.7012, -58.1723



80.6030, 1.6747, -70.6888

Sweetspot

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



85.7090, 72.1215, 14.2872



206.3360, 23.9914, 4.9673



146.7590, 42.0238, -85.7346



98.2080, 14.6875, 2.4486



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.



85.7090, 72.1215, 14.2872



61.5180, 95.3866, 18.8397



112.6190, 58.8548, 69.6171



105.5640, 4.6519, 1.2594



35.9540, 70.5217, 14.0723



10.2990, 20.0656, 4.1228

Inverse Universe

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



118.5370, 29.8083, 99.5071



104.9660, 39.4568, 131.5798



168.3810, -58.8548, -69.6171



107.5000, 1.7255, 6.5775



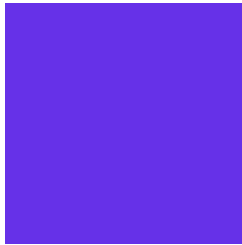
67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 85.7090, 72.1215, 14.2872 looks on a white background.

Color Contrast Check

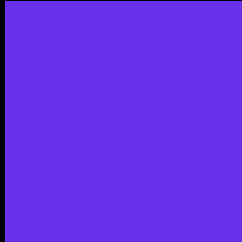
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 85.7090, 72.1215, 14.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

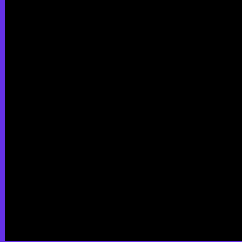
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.7090, 72.1215, 14.2872

Background



This preview shows how black text looks on a background with the YUV color 85.7090, 72.1215, 14.2872.



This preview shows how white text looks on a background with the YUV color 85.7090, 72.1215,

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

85.7090, 72.1215, 14.2872

Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

74.1190, 42.8323, -65.0024



Tritanopia

87.0550, 9.8329, -27.2352

Trichromacy



Original Color

85.7090, 72.1215, 14.2872

Protanomaly

77.7570, 62.2378, -35.7439

Deuteranomaly

78.1670, 53.6547, -36.1035

Tritanomaly

86.7020, 32.1919, -12.0167

Monochromacy



Original Color

85.7090, 72.1215, 14.2872

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2050, 26.0279, 5.0822

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7090, 72.1215, 14.2872 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(102, 49, 232)` looks like.

```
.text, #text, p{  
    color:rgb(102, 49, 232)  
}
```

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(102, 49, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 49, 232) }
```

Border

The CSS property to change the border of an element to YUV 85.7090, 72.1215, 14.2872 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(102, 49, 232) }
```


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

```
.border{ border-color:rgb(102, 49, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 49, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 49, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 49, 232);  
box-shadow:4px 4px 4px 4px rgb(102, 49,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 85.7090, 72.1215, 14.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 49, 232) }
```

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

```
.background{ background-color: rgb(102, 49,  
232) }
```

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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