

Converting Colors

YUV(71.0770, 20.1750, 15.7185)

Have a look what the booklet for
YUV(71.0770, 20.1750, 15.7185)
contains.

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Color

**YUV(71.0770, 20.1750,
15.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	593670
RGB	89, 54, 112
RGB Percent	35%, 21%, 44%
CMY	0.6510, 0.7882, 0.5608
CMYK	0.21, 0.52, 0.00, 0.56
HSL	276°, 35%, 33%
HSV	276°, 52%, 44%
XYZ	8.3636, 5.9320, 16.0334
YIQ	71.0770, 2.2420, 25.4580

Conversions

Conversions Part 2

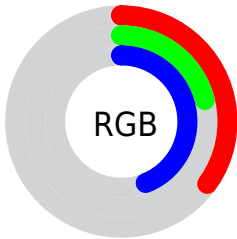
Format	Color
R_YB	89, 54, 112
Decimal	5846640
CIE Lab	29.24, 27.39, -27.61
CIE LCh	29, 38.895, 314.770
Yxy	5.9320, 0.2758, 0.1956
Android (android.graphics.Color)	4284036720 (0xFF593670)
YUV	71.0770, 20.1750, 15.7185
Hunter-Lab	24.3558, 18.6732, -21.9816

Details

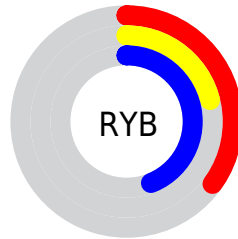
The YUV color **71.0770, 20.1750, 15.7185** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.9230, -20.1750, -15.7185**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4300, 21.4800, 17.1629**, and **24.8380, 19.3069, 14.1741** is the 20% darker color. If you saturate the color by 10%, you get **63.4240, 23.9480, 18.9222**, and if you desaturate by 10%, it is **78.7300, 16.4021, 12.5148**.

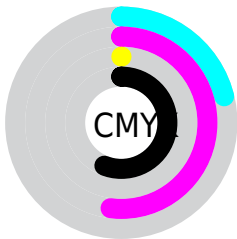
Distribution



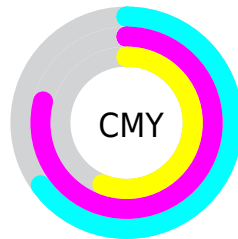
- Red (35%)
- Green (21%)
- Blue (44%)



- Red (35%)
- Yellow (21%)
- Blue (44%)



- Cyan (21%)
- Magenta (52%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0770, 20.1750, 15.7185 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 71.0770, 20.1750, 15.7185 by changing the saturation by 10% instead.

71.0770, 20.1750,
15.7185

71.0770, 20.1750,
15.7185

255.0000, 0.0000,
0.0000

47.5500, 19.4489,
15.3037

120.4300, 21.4800,
17.1629

24.8380, 19.3069,
14.1741

146.2560, 22.0588,
18.1925

11.6650, 14.9552,
9.9408

173.6690, 22.3482,
18.7073

2.7530, 8.0098,
-2.4144

201.1960, 23.0744,
19.1221

0.0000, 0.0000,
0.0000

226.5140, 14.0436,
22.3512

244.4340, 5.2090,

9.2664

■ 71.0770, 20.1750,
15.7185

■ 71.0770, 20.1750,
15.7185

■ 63.4240, 23.9480,
18.9222

■ 78.7300, 16.4021,
12.5148

■ 55.4720, 27.8683,
21.5111

■ 86.6820, 12.4818,
9.9259

■ 47.2320, 31.9306,
25.2295

■ 94.9220, 8.4195,
6.2074

■ 39.2800, 35.8510,
27.8184

■ 102.8740, 4.4991,
3.6185

■ 33.1000, 38.8977,
30.6073

■ 110.5270, 0.7262,
0.4148

■ 118.4790, -3.1941,
-2.1741

■ 126.1320, -6.9671,
-5.3778

■ 134.6710,
-11.1768, -8.4815

■ 142.3240,
-14.9497, -11.6851

Harmonies

Analogous

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



63.9730, 31.0723, -26.2863



71.0770, 20.1750, 15.7185



68.2560, 8.7478, 40.9945

Triad

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



71.0770, 20.1750, 15.7185



65.5540, -30.3461, 26.7011



58.1830, 12.2348, -51.0265

Complementary

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



71.0770, 20.1750, 15.7185



94.9230, -20.1750, -15.7185

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.



54.0620, -1.0166, -47.4124



71.0770, 20.1750, 15.7185



63.1940, -31.1546, 5.9689

Square

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



71.0770, 20.1750, 15.7185



66.2260, -19.3384, 42.7748



59.1610, -17.8274, -22.0662



60.7880, 24.7545, -53.3111

Rectangle

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



71.0770, 20.1750, 15.7185



66.1940, -0.5886, 48.9419



59.1610, -17.8274, -22.0662



57.0430, 7.8668, -50.0267

Sweetspot

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



71.0770, 20.1750, 15.7185



128.8080, 7.9827, 6.3074



74.1130, 18.6783, -17.6391



63.9880, 4.9359, 3.5185



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



71.0770, 20.1750, 15.7185



81.7050, 31.2044, 24.8147



77.2700, 14.1639, 30.4582



51.8800, 2.0312, 1.8592



35.2080, 41.8025, 32.2666



72.7090, 85.9255, 66.9072

Inverse Universe

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



73.9640, 1.4967, 33.3576



86.0140, 2.4581, 51.7307



88.7300, -14.1639, -30.4582



52.1360, 0.4260, 3.3887



41.3520, 3.2775, 68.9743



85.0250, 6.3967, 142.0521

Previews

White Background



This preview shows how the YUV color 71.0770, 20.1750, 15.7185 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 71.0770, 20.1750, 15.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

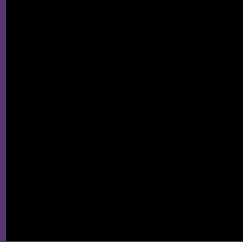
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0770, 20.1750, 15.7185

Background



This preview shows how black text looks on a background with the YUV color 71.0770, 20.1750, 15.7185.



This preview shows how white text looks on a background with the YUV color 71.0770, 20.1750,

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

71.0770, 20.1750, 15.7185

Protanopia

66.1370, 29.0195, -21.1681

Deuteranopia

67.2810, 20.5675, -16.9094



Tritanopia

70.6530, -0.3219, 9.9513

Trichromacy



Original Color

71.0770, 20.1750, 15.7185

Protanomaly

67.7150, 25.7765, -7.6431

Deuteranomaly

68.9450, 20.2401, -5.2138

Tritanomaly

70.9120, 6.9454, 12.3552

Monochromacy



Original Color

71.0770, 20.1750, 15.7185

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0770, 20.1750, 15.7185 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(89, 54, 112)` looks like.

```
.text, #text, p{  
    color:rgb(89, 54, 112)  
}
```

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(89, 54, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 54, 112) }
```

Border

The CSS property to change the border of an element to YUV 71.0770, 20.1750, 15.7185 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(89, 54, 112) }
```


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

```
.border{ border-color:rgb(89, 54, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 54, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 54, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 54, 112);  
box-shadow:4px 4px 4px 4px rgb(89, 54,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 71.0770, 20.1750, 15.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 54, 112) }
```

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

```
.background{ background-color: rgb(89, 54,  
112) }
```

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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