

Converting Colors

YUV(71.6040, 31.2542, 55.5983)

Have a look what the booklet for
YUV(71.6040, 31.2542, 55.5983)
contains.

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Color

**YUV(71.6040, 31.2542,
55.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	871B87
RGB	135, 27, 135
RGB Percent	53%, 11%, 53%
CMY	0.4706, 0.8941, 0.4706
CMYK	0.00, 0.80, 0.00, 0.47
HSL	300°, 67%, 32%
HSV	300°, 80%, 53%
XYZ	14.7568, 7.6840, 23.6271
YIQ	71.6040, 29.7000, 56.4840

Conversions

Conversions Part 2

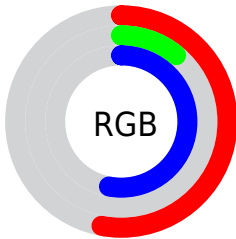
Format	Color
R_{YB}	135, 27, 135
Decimal	8854407
CIE _{Lab}	33.32, 56.16, -35.16
CIE _{LCh}	33, 66.260, 327.955
Yxy	7.6840, 0.3203, 0.1668
Android (android.graphics.Color)	4287044487 (0xFF871B87)
YUV	71.6040, 31.2542, 55.5983
Hunter-Lab	27.7201, 46.5143, -31.1315

Details

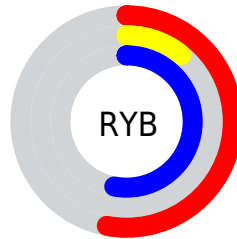
The YUV color **71.6040, 31.2542, 55.5983** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **90.3960, -31.2542, -55.5983**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5500, 29.8019, 54.7687**, and **33.9090, 25.1879, 41.2988** is the 20% darker color. If you saturate the color by 10%, you get **63.3860, 35.3057, 62.8055**, and if you desaturate by 10%, it is **79.8220, 27.2028, 48.3911**.

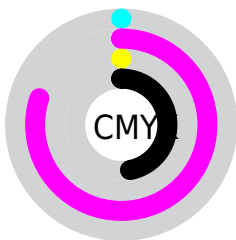
Distribution



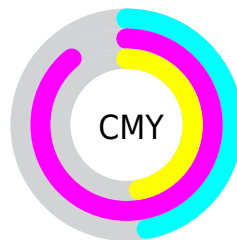
- Red (53%)
- Green (11%)
- Blue (53%)



- Red (53%)
- Yellow (11%)
- Blue (53%)



- Cyan (0%)
- Magenta (80%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6040, 31.2542, 55.5983 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 71.6040, 31.2542, 55.5983 by changing the saturation by 10% instead.

71.6040, 31.2542,
55.5983

71.6040, 31.2542,
55.5983

255.0000, 0.0000,
0.0000

44.7180, 31.6910,
55.4983

128.5500, 29.8019,
54.7687

33.9090, 25.1879,
41.2988

156.8490, 29.6544,
55.3834

23.6980, 18.3899,
28.3289

184.8600, 29.6490,
57.1278

13.0030, 12.3235,
14.0294

203.9310, 25.1770,
44.7875

2.2970, 6.2626,
-2.0145

220.3670, 17.0741,
30.3731

0.0000, 0.0000,
0.0000

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 71.6040, 31.2542,
55.5983

■ 71.6040, 31.2542,
55.5983

■ 63.3860, 35.3057,
62.8055

■ 79.8220, 27.2028,
48.3911

■ 55.7550, 39.0678,
69.4979

■ 87.4530, 23.4407,
41.6987

■ 95.6710, 19.3892,
34.4915

■ 103.3020, 15.6271,
27.7991

■ 110.9330, 11.8650,
21.1068

■ 119.1510, 7.8136,
13.8996

■ 127.3690, 3.7621,
6.6924

■ 135.0000, 0.0000,
0.0000

■ 143.2180, -4.0515,
-7.2072

Harmonies

Analogous

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



74.6100, 48.5063, -18.0750



71.6040, 31.2542, 55.5983



58.6120, 12.5163, 92.4253

Triad

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



71.6040, 31.2542, 55.5983



73.9250, -36.4450, 22.8678



72.5910, 26.8236, -63.6623

Complementary

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



71.6040, 31.2542, 55.5983



90.3960, -31.2542, -55.5983

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.



66.4350, 3.2365, -58.2635



71.6040, 31.2542, 55.5983



66.5950, -32.8313, -16.3078

Square

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



71.6040, 31.2542, 55.5983



70.6120, -34.8117, 59.0993



57.7200, -22.5400, -50.6204



76.0910, 45.3111, -66.7318

Rectangle

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



71.6040, 31.2542, 55.5983



55.3340, -2.6297, 97.0541



57.7200, -22.5400, -50.6204



71.2400, 19.1087, -62.4775

Sweetspot

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



71.6040, 31.2542, 55.5983



151.3460, 12.1544, 21.6216



39.3120, 47.1742, -10.7976



73.7380, 7.5242, 13.3848



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



71.6040, 31.2542, 55.5983



76.7970, 48.9071, 87.0010



65.4480, 7.6671, 60.9971



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Inverse Universe

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



71.6040, 31.2542, 55.5983



76.7970, 48.9071, 87.0010



96.5520, -7.6671, -60.9971



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 71.6040, 31.2542, 55.5983 looks on a white background.

Color Contrast Check

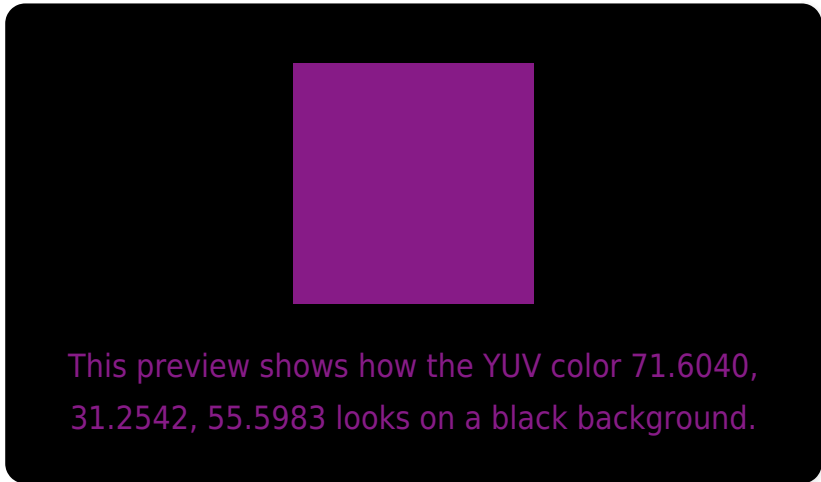
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

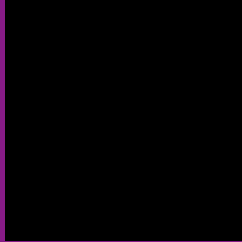
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6040, 31.2542, 55.5983

Background



This preview shows how black text looks on a background with the YUV color 71.6040, 31.2542, 55.5983.



This preview shows how white text looks on a background with the YUV color 71.6040, 31.2542,

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

71.6040, 31.2542, 55.5983

Protanopia

63.7810, 48.9150, -55.9359

Deuteranopia

77.1000, 25.0937, -22.0127



Tritanopia

78.3860, -8.5713, 42.6345

Trichromacy



Original Color

71.6040, 31.2542, 55.5983

Protanomaly

66.7260, 42.5331, -15.5457

Deuteranomaly

75.2590, 27.4803, 5.9119

Tritanomaly

75.9040, 5.9633, 47.4422

Monochromacy



Original Color

71.6040, 31.2542, 55.5983

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1070, 11.2862, 20.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6040, 31.2542, 55.5983 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(135, 27, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 27, 135)  
}
```

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(135, 27, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 27, 135) }
```

Border

The CSS property to change the border of an element to YUV 71.6040, 31.2542, 55.5983 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(135, 27, 135) }
```


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

```
.border{ border-color:rgb(135, 27, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 27, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 27, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 27, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 27,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 71.6040, 31.2542, 55.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 27, 135) }
```

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

```
.background{ background-color: rgb(135, 27,  
135) }
```

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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