

Converting Colors

YUV(71.0440, -6.4307, 56.0894)

Have a look what the booklet for
YUV(71.0440, -6.4307, 56.0894)
contains.

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Color

**YUV(71.0440, -6.4307,
56.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	87293A
RGB	135, 41, 58
RGB Percent	53%, 16%, 23%
CMY	0.4706, 0.8392, 0.7725
CMYK	0.00, 0.70, 0.57, 0.47
HSL	349°, 53%, 35%
HSV	349°, 70%, 53%
XYZ	11.5483, 7.0423, 4.7536
YIQ	71.0440, 50.5670, 25.2150

Conversions

Conversions Part 2

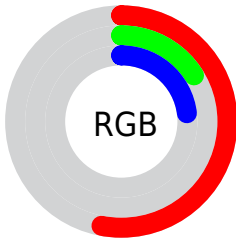
Format	Color
R_{YB}	135, 41, 58
Decimal	8857914
CIE _{Lab}	31.90, 41.17, 12.17
CIE _{LCh}	32, 42.928, 16.466
Yxy	7.0423, 0.4947, 0.3017
Android (android.graphics.Color)	4287047994 (0xFF87293A)
YUV	71.0440, -6.4307, 56.0894
Hunter-Lab	26.5373, 31.2384, 7.9555

Details

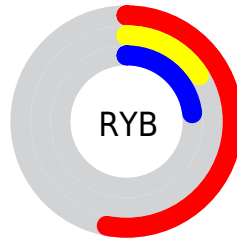
The YUV color **71.0440, -6.4307, 56.0894** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **104.9560, 6.4307, -56.0894**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2680, -9.4991, 60.2780**, and **25.7440, -4.8038, 47.5825** is the 20% darker color. If you saturate the color by 10%, you get **62.1590, -7.4734, 63.8816**, and if you desaturate by 10%, it is **80.5160, -5.6774, 47.7825**.

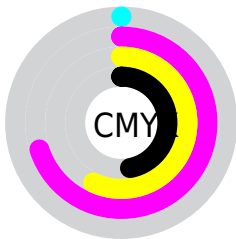
Distribution



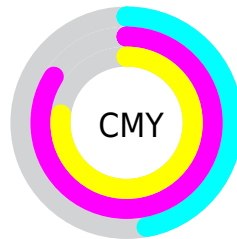
- Red (53%)
- Green (16%)
- Blue (23%)



- Red (53%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (70%)
- Yellow (57%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0440, -6.4307, 56.0894 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 71.0440, -6.4307, 56.0894 by changing the saturation by 10% instead.

71.0440, -6.4307,
56.0894

71.0440, -6.4307,
56.0894

255.0000, 0.0000,
0.0000

42.6680, -2.7943,
56.4192

124.2680, -9.4991,
60.2780

25.7440, -4.8038,
47.5825

151.0510,
-10.3781, 62.2223

16.5590, -7.6706,
33.7128

178.8340,
-11.2572, 64.1666

4.4850, -2.2111,
9.2217

198.6580, -7.7194,
49.4119

0.0000, 0.0000,
0.0000

218.1720, -4.0288,
32.2982

238.5010, 0.2460,

14.4696

■ 71.0440, -6.4307,
56.0894

■ 71.0440, -6.4307,
56.0894

■ 62.1590, -7.4734,
63.8816

■ 80.5160, -5.6774,
47.7825

■ 52.6870, -8.2267,
72.1885

■ 89.4010, -4.6347,
39.9903

■ 43.2150, -8.9800,
80.4954

■ 98.8730, -3.8814,
31.6834

■ 43.1010, -9.4168,
80.5954

■ 107.7580, -2.8387,
23.8912

■ 117.2300, -2.0854,
15.5843

■ 126.1150, -1.0427,
7.7921

■ 135.5870, -0.2894,
-0.5148

■ 144.4720, 0.7533,
-8.3069

■ 154.0580, 1.9434,
-16.7139

Harmonies

Analogous

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



74.0010, 8.8735, 47.3571



71.0440, -6.4307, 56.0894



71.5640, -21.9701, 46.8634

Triad

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



71.0440, -6.4307, 56.0894



62.7860, -19.1215, -26.9993



64.7950, 37.5691, -56.8252

Complementary

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



71.0440, -6.4307, 56.0894



104.9560, 6.4307, -56.0894

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.



66.2650, 27.9704, -58.1144



71.0440, -6.4307, 56.0894



59.4420, -0.7109, -52.1306

Square

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



71.0440, -6.4307, 56.0894



68.4990, -33.7700, 4.8244



64.0190, 14.2876, -56.1447



70.4720, 34.2773, -27.6009

Rectangle

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



71.0440, -6.4307, 56.0894



71.2670, -31.6836, 35.7228



64.0190, 14.2876, -56.1447



66.1000, 34.9537, -57.9697

Sweetspot

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



71.0440, -6.4307, 56.0894



150.8610, -2.3965, 22.0469



74.7390, 29.7087, 37.9399



74.0340, -1.4958, 13.1252



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.



71.0440, -6.4307, 56.0894



75.3300, -10.0227, 88.2876



86.7160, -22.5380, 42.3451



61.9080, -0.4476, 3.5887



41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443

Inverse Universe

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



71.0440, -6.4307, 56.0894



75.3300, -10.0227, 88.2876



89.2840, 22.5380, -42.3451



61.9080, -0.4476, 3.5887



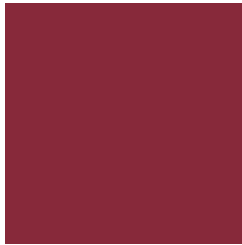
41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 71.0440, -6.4307, 56.0894 looks on a white background.

Color Contrast Check

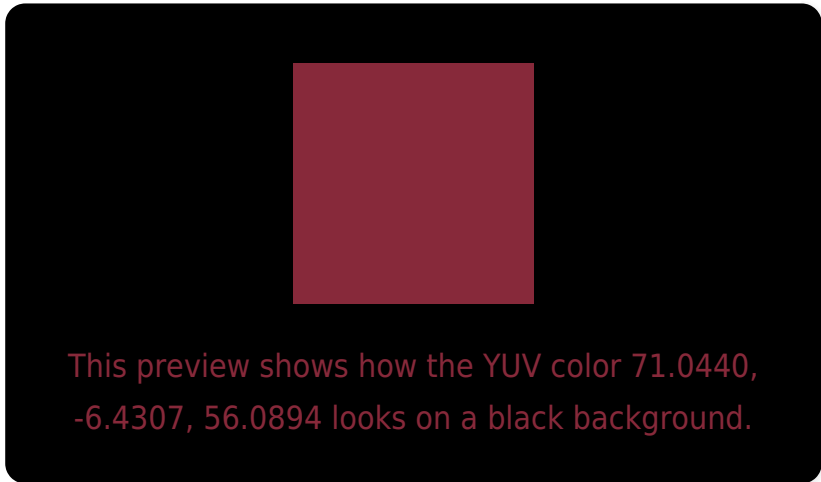
Large Text (above 18pt) WCAG AA ✓ Pass

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

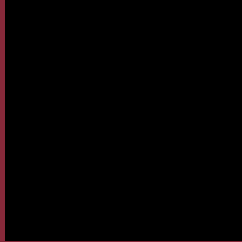
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0440, -6.4307, 56.0894

Background



This preview shows how black text looks on a background with the YUV color 71.0440, -6.4307, 56.0894.



This preview shows how white text looks on a background with the YUV color 71.0440, -6.4307,

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

71.0440, -6.4307, 56.0894

Protanopia

76.4840, -0.7316, 1.3295

Deuteranopia

76.1020, -11.3893, 13.0655



Tritanopia

70.5510, -12.1036, 55.6448

Trichromacy



Original Color

71.0440, -6.4307, 56.0894

Protanomaly

74.4480, -2.6859, 21.5321

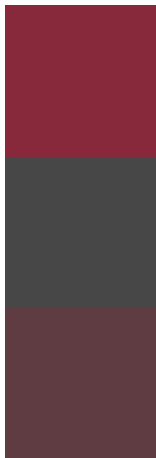
Deuteranomaly

74.0700, -9.4015, 28.8796

Tritanomaly

70.4200, -10.0671, 55.7597

Monochromacy



Original Color

71.0440, -6.4307, 56.0894

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8500, -2.3910, 20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0440, -6.4307, 56.0894 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, 41, 58)` looks like.

```
.text, #text, p{  
    color:rgb(135, 41, 58)  
}
```

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, 41, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 41, 58) }
```

Border

The CSS property to change the border of an element to YUV 71.0440, -6.4307, 56.0894 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, 41, 58) }
```


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

```
.border{ border-color:rgb(135, 41, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 41, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 41, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 41, 58);  
box-shadow:4px 4px 4px 4px rgb(135, 41,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 71.0440, -6.4307, 56.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 41, 58) }
```

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

```
.background{ background-color: rgb(135, 41,  
58) }
```

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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