

Converting Colors

YUV(71.0140, 22.6711, 55.2387)

Have a look what the booklet for
YUV(71.0140, 22.6711, 55.2387)
contains.

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Color

**YUV(71.0140, 22.6711,
55.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	861E75
RGB	134, 30, 117
RGB Percent	53%, 12%, 46%
CMY	0.4745, 0.8824, 0.5412
CMYK	0.00, 0.78, 0.13, 0.47
HSL	310°, 63%, 32%
HSV	310°, 78%, 53%
XYZ	13.5067, 7.2812, 17.5232
YIQ	71.0140, 34.0570, 49.1050

Conversions

Conversions Part 2

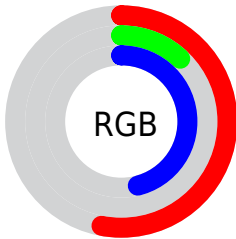
Format	Color
RYB	134, 30, 117
Decimal	8789621
CIELab	32.44, 52.13, -25.27
CIELCh	32, 57.935, 334.136
Yxy	7.2812, 0.3526, 0.1901
Android (android.graphics.Color)	4286979701 (0xFF861E75)
YUV	71.0140, 22.6711, 55.2387
Hunter-Lab	26.9838, 42.1263, -19.6141

Details

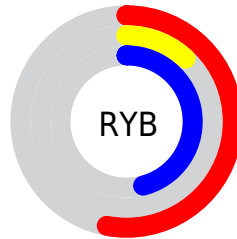
The YUV color **71.0140, 22.6711, 55.2387** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **92.9860, -22.6711, -55.2387**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5580, 20.9239, 55.6386**, and **31.6720, 17.9097, 42.3837** is the 20% darker color. If you saturate the color by 10%, you get **63.1550, 25.5596, 62.1311**, and if you desaturate by 10%, it is **78.8730, 19.7826, 48.3464**.

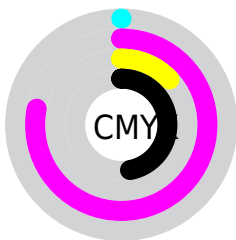
Distribution



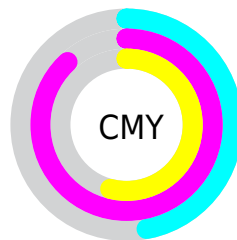
- Red (53%)
- Green (12%)
- Blue (46%)



- Red (53%)
- Yellow (12%)
- Blue (46%)



- Cyan (0%)
- Magenta (78%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (88%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0140, 22.6711, 55.2387 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 71.0140, 22.6711, 55.2387 by changing the saturation by 10% instead.

71.0140, 22.6711,
55.2387

71.0140, 22.6711,
55.2387

255.0000, 0.0000,
0.0000

42.4810, 24.4129,
56.5832

126.5580, 20.9239,
55.6386

31.6720, 17.9097,
42.3837

154.2700, 21.0659,
56.7682

21.9880, 11.8379,
29.8285

181.9820, 21.2079,
57.8978

10.8090, 6.5032,
14.1995

203.8170, 24.7402,
44.8875

0.0000, 0.0000,
0.0000

220.3670, 17.0741,
30.3731

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 71.0140, 22.6711,
55.2387

■ 71.0140, 22.6711,
55.2387

■ 63.1550, 25.5596,
62.1311

■ 78.8730, 19.7826,
48.3464

■ 54.7090, 28.7375,
69.5382

■ 87.3190, 16.6047,
40.9392

■ 52.8340, 29.1688,
71.1826

■ 95.2920, 14.1530,
33.9469

■ 103.7380, 10.9752,
26.5398

■ 111.5970, 8.0867,
19.6474

■ 119.4560, 5.1982,
12.7551

■ 127.9020, 2.0203,
5.3479

■ 135.8750, -0.4314,
-1.6444

■ 144.3210, -3.6093,
-9.0515

Harmonies

Analogous

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



76.5820, 37.6741, 2.9976



71.0140, 22.6711, 55.2387



54.2540, 8.7488, 87.4772

Triad

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



71.0140, 22.6711, 55.2387



71.8100, -35.4023, 15.0756



70.2430, 27.9812, -61.6031

Complementary

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



71.0140, 22.6711, 55.2387



92.9860, -22.6711, -55.2387

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.



65.1130, 8.3253, -57.1041



71.0140, 22.6711, 55.2387



63.3170, -31.2153, -21.3260

Square

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



71.0140, 22.6711, 55.2387



71.1220, -35.0631, 46.3740



58.3530, -12.4990, -51.1756



71.5430, 43.1163, -62.7432

Rectangle

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



71.0140, 22.6711, 55.2387



60.2150, -8.9800, 80.4954



58.3530, -12.4990, -51.1756



68.6470, 21.8660, -60.2034

Sweetspot

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



71.0140, 22.6711, 55.2387



149.4230, 8.6655, 20.6770



46.6400, 43.0685, -0.5613



71.8690, 5.4876, 13.2699



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



71.0140, 22.6711, 55.2387



75.5290, 35.2352, 85.4821



65.2000, 0.3944, 60.3376



62.3640, 1.2995, 3.1888



51.2960, 28.4481, 69.0234



1.1250, 0.4314, 1.6444

Inverse Universe

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



71.0140, 22.6711, 55.2387



75.5290, 35.2352, 85.4821



98.8000, -0.3944, -60.3376



62.3640, 1.2995, 3.1888



51.2960, 28.4481, 69.0234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 71.0140, 22.6711, 55.2387 looks on a white background.

Color Contrast Check

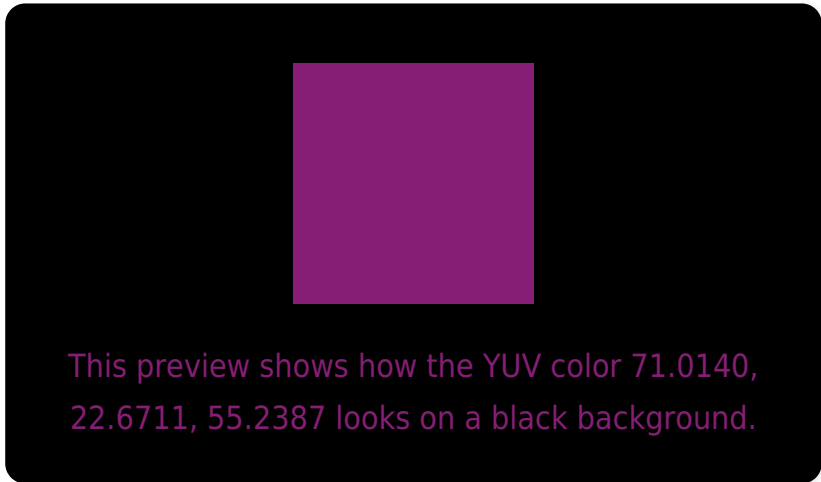
Large Text (above 18pt) WCAG AA ✓ Pass

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

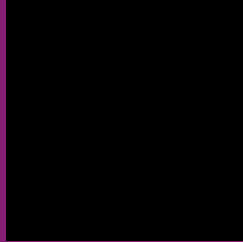
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0140, 22.6711, 55.2387

Background



This preview shows how black text looks on a background with the YUV color 71.0140, 22.6711, 55.2387.



This preview shows how white text looks on a background with the YUV color 71.0140, 22.6711,

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

71.0140, 22.6711, 55.2387

Protanopia

68.6860, 43.0458, -40.0666

Deuteranopia

77.2880, 16.6200, -10.7766



Tritanopia

75.1800, -9.4557, 46.3231

Trichromacy



Original Color

71.0140, 22.6711, 55.2387

Protanomaly

69.6580, 35.6646, -5.8391

Deuteranomaly

75.0120, 18.7281, 13.1445

Tritanomaly

73.5900, 2.1741, 49.4716

Monochromacy



Original Color

71.0140, 22.6711, 55.2387

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0100, 8.3761, 20.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0140, 22.6711, 55.2387 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(134, 30, 117)` looks like.

```
.text, #text, p{  
    color:rgb(134, 30, 117)  
}
```

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(134, 30, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 30, 117) }
```

Border

The CSS property to change the border of an element to YUV 71.0140, 22.6711, 55.2387 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(134, 30, 117) }
```


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

```
.border{ border-color:rgb(134, 30, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 30, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 30, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 30, 117);  
box-shadow:4px 4px 4px 4px rgb(134, 30,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 71.0140, 22.6711, 55.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 30, 117) }
```

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

```
.background{ background-color: rgb(134, 30,  
117) }
```

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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