

Converting Colors

YUV(71.1240, 5.8549, 82.3293)

Have a look what the booklet for
YUV(71.1240, 5.8549, 82.3293)
contains.

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Color

**YUV(71.1240, 5.8549,
82.3293)**

Conversions

Conversions Part 1

Format	Color
Hex	A51553
RGB	165, 21, 83
RGB Percent	65%, 8%, 33%
CMY	0.3529, 0.9176, 0.6745
CMYK	0.00, 0.87, 0.50, 0.35
HSL	334°, 77%, 36%
HSV	334°, 87%, 65%
XYZ	17.3465, 9.1602, 9.0374
YIQ	71.1240, 65.9220, 49.8100

Conversions

Conversions Part 2

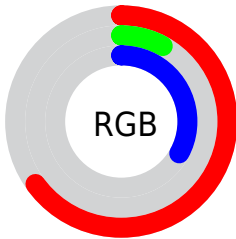
Format	Color
R_{YB}	165, 21, 83
Decimal	10818899
CIE _{Lab}	36.29, 58.22, 2.91
CIE _{LCh}	36, 58.295, 2.866
Yxy	9.1602, 0.4880, 0.2577
Android (android.graphics.Color)	4289008979 (0xFFA51553)
YUV	71.1240, 5.8549, 82.3293
Hunter-Lab	30.2658, 49.3403, 3.4819

Details

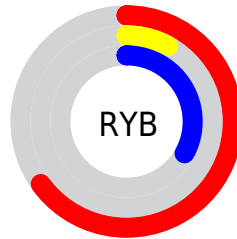
The YUV color **71.1240, 5.8549, 82.3293** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **114.8760, -5.8549, -82.3293**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2180, -0.1075, 81.3698**, and **36.4390, 1.2626, 61.8820** is the 20% darker color. If you saturate the color by 10%, you get **60.7060, 6.5539, 91.4658**, and if you desaturate by 10%, it is **82.1290, 4.8664, 72.6779**.

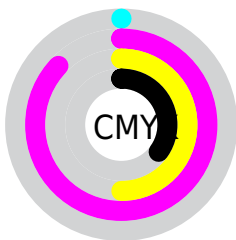
Distribution



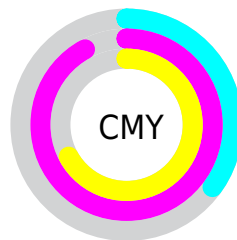
- Red (65%)
- Green (8%)
- Blue (33%)



- Red (65%)
- Yellow (8%)
- Blue (33%)



- Cyan (0%)
- Magenta (87%)
- Yellow (50%)
- Black (35%)



- Cyan (35%)
- Magenta (92%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1240, 5.8549, 82.3293 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 71.1240, 5.8549, 82.3293 by changing the saturation by 10% instead.

71.1240, 5.8549,
82.3293

71.1240, 5.8549,
82.3293

255.0000, 0.0000,
0.0000

47.5040, 6.1605,
77.6110

132.2180, -0.1075,
81.3698

36.4390, 1.2626,
61.8820

160.5880, -1.2759,
82.7993

25.3740, -3.6354,
46.1530

180.1020, 2.4147,
65.6855

15.7760, -6.7916,
31.7684

200.3170, 6.2527,
47.9570

0.0000, 0.0000,
0.0000

219.9450, 10.3801,
30.7432

238.5640, 8.1029,

14.4144

■ 71.1240, 5.8549,
82.3293

■ 71.1240, 5.8549,
82.3293

■ 60.7060, 6.5539,
91.4658

■ 82.1290, 4.8664,
72.6779

■ 57.4290, 6.6905,
94.3398

■ 92.6610, 4.6041,
63.4413

■ 103.6660, 3.6157,
53.7899

■ 114.1980, 3.3534,
44.5534

■ 125.2030, 2.3649,
34.9020

■ 135.6210, 1.6658,
25.7654

■ 146.7400, 1.1142,
16.0140

■ 157.1580, 0.4151,
6.8774

■ 168.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



82.7040, 22.8239, 52.8796



71.1240, 5.8549, 82.3293



75.8370, -19.1466, 74.6880

Triad

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



71.1240, 5.8549, 82.3293



72.1880, -35.5887, -18.5819



78.5530, 44.5904, -68.8910

Complementary

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



71.1240, 5.8549, 82.3293



114.8760, -5.8549, -82.3293

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.



77.0250, 28.5817, -67.5509



71.1240, 5.8549, 82.3293



64.9070, -12.7722, -56.9234

Square

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



71.1240, 5.8549, 82.3293



80.0940, -39.4863, 18.3346



71.7810, 8.4890, -62.9519



73.3500, 52.5785, -64.3280

Rectangle

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



71.1240, 5.8549, 82.3293



78.0420, -36.9957, 59.5992



71.7810, 8.4890, -62.9519



78.7010, 40.0804, -69.0208

Sweetspot

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



71.1240, 5.8549, 82.3293



178.0670, 1.9390, 31.5132



61.9340, 50.8115, 36.0149



85.4630, 1.2507, 18.8879



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



71.1240, 5.8549, 82.3293



74.4740, 8.6403, 122.3643



69.9260, -24.1205, 83.3799



76.1470, 0.4205, 5.1331



50.5370, 6.1443, 82.8441



6.2940, 0.8411, 10.2662

Inverse Universe

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



71.1240, 5.8549, 82.3293



74.4740, 8.6403, 122.3643



116.0740, 24.1205, -83.3799



76.1470, 0.4205, 5.1331



50.5370, 6.1443, 82.8441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 71.1240, 5.8549, 82.3293 looks on a white background.

Color Contrast Check

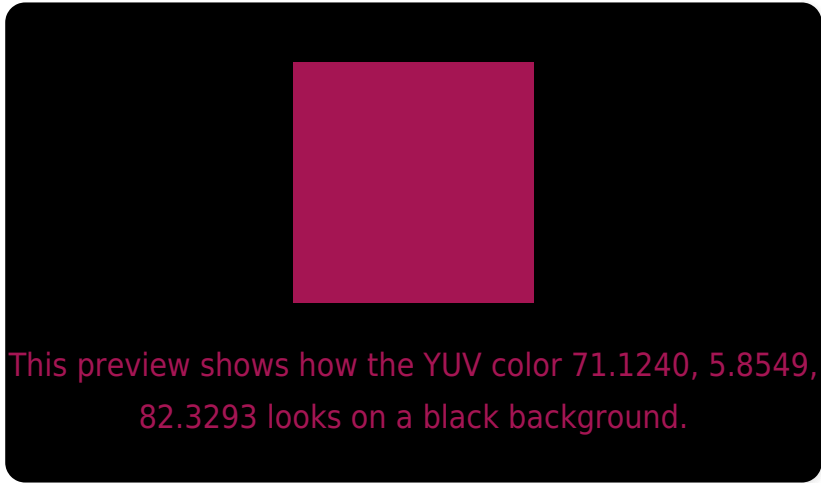
Large Text (above 18pt) WCAG AA ✓ Pass

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

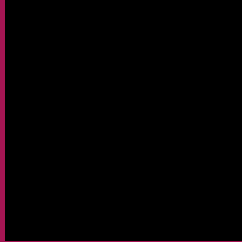
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.1240, 5.8549, 82.3293

Background



This preview shows how black text looks on a background with the YUV color 71.1240, 5.8549, 82.3293.



This preview shows how white text looks on a background with the YUV color 71.1240, 5.8549,

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

71.1240, 5.8549, 82.3293

Protanopia

87.1420, 14.7200, -8.0175

Deuteranopia

87.5730, -5.7055, 10.0215



Tritanopia

74.7880, -18.1365, 77.3619

Trichromacy



Original Color

71.1240, 5.8549, 82.3293

Protanomaly

81.2540, 11.7068, 25.2102

Deuteranomaly

81.5900, -1.2769, 36.3166

Tritanomaly

73.3890, -9.5588, 79.4658

Monochromacy



Original Color

71.1240, 5.8549, 82.3293

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0560, 1.9444, 29.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1240, 5.8549, 82.3293 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(165, 21, 83)` looks like.

```
.text, #text, p{  
    color:rgb(165, 21, 83)  
}
```

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(165, 21, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 21, 83) }
```

Border

The CSS property to change the border of an element to YUV 71.1240, 5.8549, 82.3293 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(165, 21, 83) }
```


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

```
.border{ border-color:rgb(165, 21, 83) }
```

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

Here you see how a box with a 4 pixel rgb(165, 21, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 21, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 21, 83);  
box-shadow:4px 4px 4px 4px rgb(165, 21,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 71.1240, 5.8549, 82.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 21, 83) }
```

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

```
.background{ background-color: rgb(165, 21,  
83) }
```

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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