

Converting Colors

YUV(71.9980, 13.3120, 23.6808)

Have a look what the booklet for
YUV(71.9980, 13.3120, 23.6808)
contains.

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Color

**YUV(71.9980, 13.3120,
23.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	633563
RGB	99, 53, 99
RGB Percent	39%, 21%, 39%
CMY	0.6118, 0.7922, 0.6118
CMYK	0.00, 0.46, 0.00, 0.61
HSL	300°, 30%, 30%
HSV	300°, 46%, 39%
XYZ	8.6708, 6.0997, 12.5247
YIQ	71.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

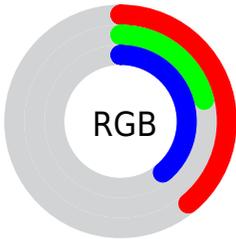
Format	Color
R_{YB}	99, 53, 99
Decimal	6501731
CIE _{Lab}	29.66, 28.26, -18.54
CIE _{LCh}	30, 33.800, 326.737
Yxy	6.0997, 0.3177, 0.2235
Android (android.graphics.Color)	4284691811 (0xFF633563)
YUV	71.9980, 13.3120, 23.6808
Hunter-Lab	24.6976, 19.4470, -12.7791

Details

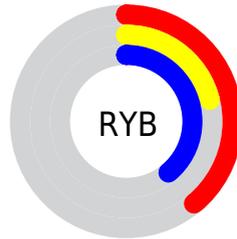
The YUV color **71.9980, 13.3120, 23.6808** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.0020, -13.3120, -23.6808**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5360, 14.0328, 25.8399**, and **25.2860, 13.1700, 22.5512** is the 20% darker color. If you saturate the color by 10%, you get **66.1280, 16.2059, 28.8287**, and if you desaturate by 10%, it is **77.8680, 10.4181, 18.5328**.

Distribution



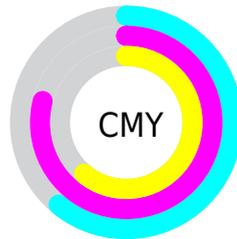
-  Red (39%)
-  Green (21%)
-  Blue (39%)



-  Red (39%)
-  Yellow (21%)
-  Blue (39%)



-  Cyan (0%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (79%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9980, 13.3120, 23.6808 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 71.9980, 13.3120, 23.6808 by changing the saturation by 10% instead.

71.9980, 13.3120,
23.6808

71.9980, 13.3120,
23.6808

255.0000, 0.0000,
0.0000

48.2860, 13.1700,
22.5512

121.5360, 14.0328,
25.8399

25.2860, 13.1700,
22.5512

147.9490, 14.3221,
26.3547

13.1020, 8.8237,
16.5735

174.6610, 14.4641,
27.4843

0.2280, 0.8736,
-0.2000

202.0740, 14.7535,
27.9991

0.0000, 0.0000,
0.0000

227.4110, 13.6014,
24.1956

243.8470, 5.4984,

9.7812

■ 71.9980, 13.3120,
23.6808

■ 71.9980, 13.3120,
23.6808

■ 66.1280, 16.2059,
28.8287

■ 77.8680, 10.4181,
18.5328

■ 60.2580, 19.0998,
33.9767

■ 83.7380, 7.5242,
13.3848

■ 54.3880, 21.9937,
39.1247

■ 89.6080, 4.6303,
8.2368

■ 48.5180, 24.8876,
44.2727

■ 95.4780, 1.7363,
3.0888

■ 43.2350, 27.4921,
48.9059

■ 101.3480, -1.1576,
-2.0592

■ 40.8870, 28.6497,
50.9651

■ 106.6310, -3.7621,
-6.6924

■ 112.5010, -6.6560,
-11.8404

■ 118.3710, -9.5499,
-16.9884

■ 124.2410,
-12.4438, -22.1364

Harmonies

Analogous

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



70.3410, 23.0029, -4.6841



71.9980, 13.3120, 23.6808



69.8230, 2.0593, 39.6202

Triad

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



71.9980, 13.3120, 23.6808



67.1120, -26.6772, 16.5648



58.7360, 16.8922, -51.5115

Complementary

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



71.9980, 13.3120, 23.6808



80.0020, -13.3120, -23.6808

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.



55.6580, 5.0986, -48.8121



71.9980, 13.3120, 23.6808



64.4300, -22.3970, -3.0081

Square

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



71.9980, 13.3120, 23.6808



68.1170, -20.7637, 33.2234



58.9950, -9.3645, -29.8136



59.8420, 26.2069, -52.4814

Rectangle

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



71.9980, 13.3120, 23.6808



68.6680, -6.2453, 43.2642



58.9950, -9.3645, -29.8136



58.2970, 12.6716, -51.1265

Sweetspot

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



71.9980, 13.3120, 23.6808



117.4340, 5.2090, 9.2664



58.2440, 20.0927, -4.5990



57.5430, 3.1833, 5.6628



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.9980, 13.3120, 23.6808



85.7360, 20.8362, 37.0655



69.3760, 3.2656, 25.9802



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Inverse Universe

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



71.9980, 13.3120, 23.6808



85.7360, 20.8362, 37.0655



82.6240, -3.2656, -25.9802



45.6520, 1.1576, 2.0592



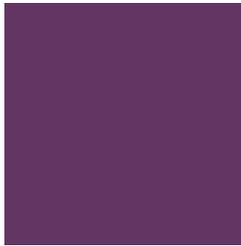
46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 71.9980, 13.3120, 23.6808 looks on a white background.

Color Contrast Check

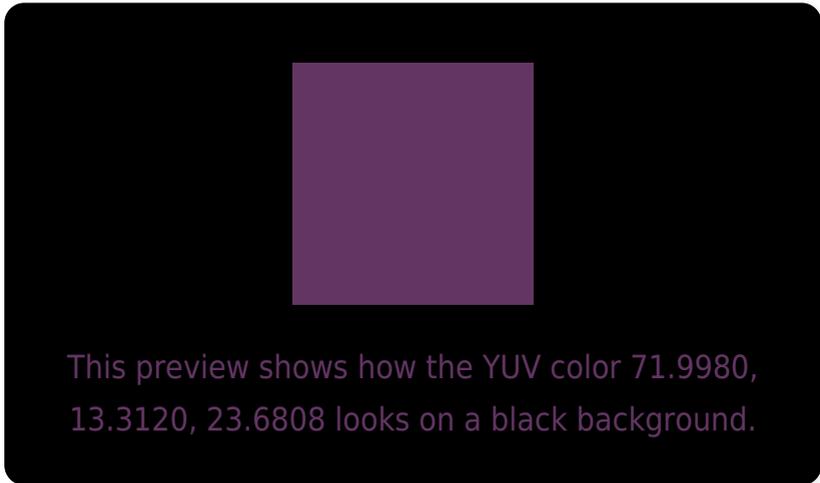
Large Text (above 18pt) WCAG AA ✓ Pass

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

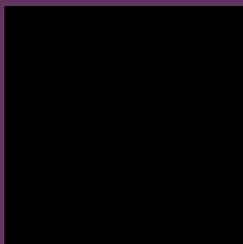
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9980, 13.3120, 23.6808

Background



This preview shows how black text looks on a background with the YUV color 71.9980, 13.3120, 23.6808.



This preview shows how white text looks on a background with the YUV color 71.9980, 13.3120,

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

71.9980, 13.3120, 23.6808

Protanopia

69.4170, 20.9934, -13.5207

Deuteranopia

70.2840, 12.6780, -6.3881



Tritanopia

71.6220, -3.2646, 20.5025

Trichromacy



Original Color

71.9980, 13.3120, 23.6808

Protanomaly

70.1090, 18.1873, -0.0956

Deuteranomaly

70.7630, 12.9348, 4.5928

Tritanomaly

71.5280, 2.6977, 21.4619

Monochromacy



Original Color

71.9980, 13.3120, 23.6808

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0210, 4.9196, 8.7516

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9980, 13.3120, 23.6808 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(99, 53, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 53, 99)  
}
```

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(99, 53, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 53, 99) }
```

Border

The CSS property to change the border of an element to YUV 71.9980, 13.3120, 23.6808 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(99, 53, 99) }
```


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

```
.border{ border-color:rgb(99, 53, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 53, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 53, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 53, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 53, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.9980, 13.3120, 23.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 53, 99) }
```

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

```
.background{ background-color: rgb(99, 53,  
99) }
```

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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