

Converting Colors

YUV(71.6130, 10.5438, 24.8954)

Have a look what the booklet for
YUV(71.6130, 10.5438, 24.8954)
contains.

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Color

**YUV(71.6130, 10.5438,
24.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	64355D
RGB	100, 53, 93
RGB Percent	39%, 21%, 36%
CMY	0.6078, 0.7922, 0.6353
CMYK	0.00, 0.47, 0.07, 0.61
HSL	309°, 31%, 30%
HSV	309°, 47%, 39%
XYZ	8.5044, 6.0458, 11.0747
YIQ	71.6130, 15.1720, 22.4040

Conversions

Conversions Part 2

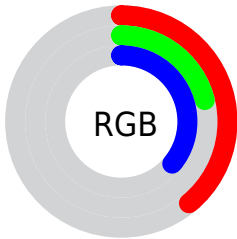
Format	Color
R_{YB}	100, 53, 93
Decimal	6567261
CIE _{Lab}	29.53, 27.39, -14.86
CIE _{LCh}	30, 31.166, 331.519
Yxy	6.0458, 0.3319, 0.2359
Android (android.graphics.Color)	4284757341 (0xFF64355D)
YUV	71.6130, 10.5438, 24.8954
Hunter-Lab	24.5883, 18.7087, -9.4926

Details

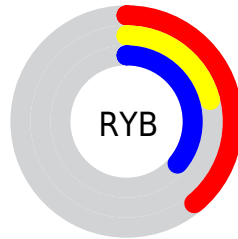
The YUV color **71.6130, 10.5438, 24.8954** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.3870, -10.5438, -24.8954**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0370, 10.8278, 27.1546**, and **25.0150, 10.8386, 23.6658** is the 20% darker color. If you saturate the color by 10%, you get **65.6290, 13.0009, 30.1434**, and if you desaturate by 10%, it is **77.5970, 8.0867, 19.6474**.

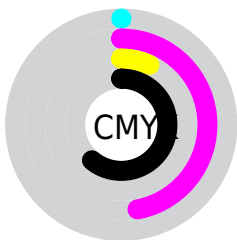
Distribution



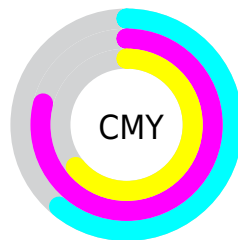
- Red (39%)
- Green (21%)
- Blue (36%)



- Red (39%)
- Yellow (21%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (7%)
- Black (61%)



- Cyan (61%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6130, 10.5438, 24.8954 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 71.6130, 10.5438, 24.8954 by changing the saturation by 10% instead.

71.6130, 10.5438,
24.8954

71.6130, 10.5438,
24.8954

255.0000, 0.0000,
0.0000

47.9010, 10.4018,
23.7658

121.0370, 10.8278,
27.1546

25.0150, 10.8386,
23.6658

147.4500, 11.1172,
27.6694

12.9450, 6.9291,
17.5882

174.1620, 11.2591,
28.7989

0.0000, 0.0000,
0.0000

201.8740, 11.4011,
29.9285

227.2970, 13.1646,
24.2955

243.8470, 5.4984,

9.7812

■ 71.6130, 10.5438,
24.8954

■ 71.6130, 10.5438,
24.8954

■ 65.6290, 13.0009,
30.1434

■ 77.5970, 8.0867,
19.6474

■ 59.5310, 15.0212,
35.4913

■ 83.6950, 6.0664,
14.2995

■ 53.5470, 17.4783,
40.7393

■ 89.6790, 3.6093,
9.0515

■ 47.4490, 19.4986,
46.0872

■ 95.7770, 1.5889,
3.7036

■ 41.4650, 21.9558,
51.3352

■ 101.7610, -0.8682,
-1.5444

■ 39.5900, 22.3871,
52.9796

■ 107.8590, -2.8885,
-6.8923

■ 113.8430, -5.3456,
-12.1403

■ 119.9410, -7.3659,
-17.4883

■ 125.9250, -9.8230,
-22.7362

Harmonies

Analogous

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



71.1630, 19.6396, 0.7340



71.6130, 10.5438, 24.8954



69.8290, -0.4087, 37.8610

Triad

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



71.6130, 10.5438, 24.8954



67.0730, -24.1930, 13.0910



58.2630, 17.6183, -51.0967

Complementary

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



71.6130, 10.5438, 24.8954



81.3870, -10.5438, -24.8954

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.



55.5270, 7.1352, -48.6972



71.6130, 10.5438, 24.8954



64.0320, -18.7498, -6.1671

Square

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



71.6130, 10.5438, 24.8954



68.4970, -20.4580, 28.5051



58.6680, -6.7383, -32.1578



58.5540, 26.3489, -51.3519

Rectangle

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



71.6130, 10.5438, 24.8954



68.8910, -7.8343, 39.5606



58.6680, -6.7383, -32.1578



57.4650, 14.5608, -50.3968

Sweetspot

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



71.6130, 10.5438, 24.8954



119.0920, 3.8986, 9.5663



60.1520, 19.6451, -1.0103



59.4290, 2.7465, 5.7628



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



71.6130, 10.5438, 24.8954



85.8950, 16.3208, 38.6801



68.9910, 0.4974, 27.1949



47.9510, 1.0102, 2.6740



45.5570, 25.8544, 60.9015



95.8420, 54.3079, 128.1806

Inverse Universe

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



71.6130, 10.5438, 24.8954



85.8950, 16.3208, 38.6801



84.0090, -0.4974, -27.1949



47.9510, 1.0102, 2.6740



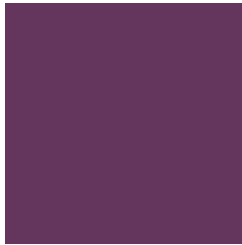
45.5570, 25.8544, 60.9015



95.8420, 54.3079, 128.1806

Previews

White Background



This preview shows how the YUV color 71.6130, 10.5438, 24.8954 looks on a white background.

Color Contrast Check

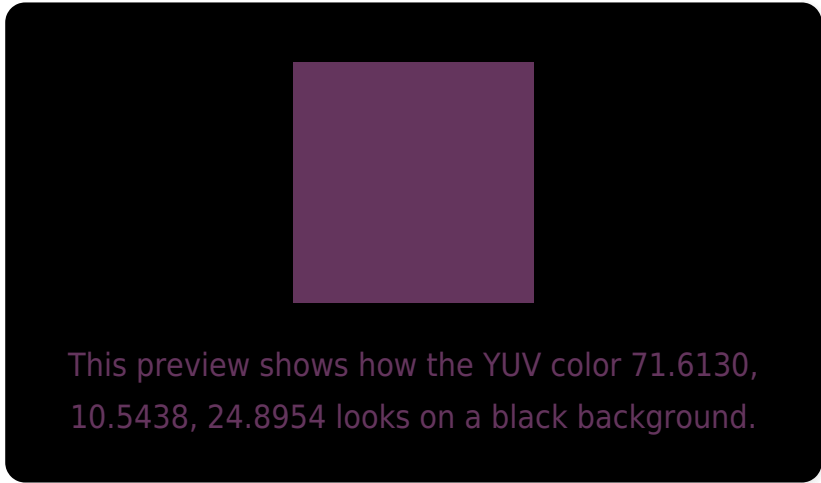
Large Text (above 18pt) WCAG AA ✓ Pass

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

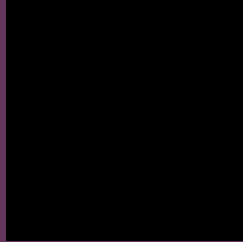
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6130, 10.5438, 24.8954

Background



This preview shows how black text looks on a background with the YUV color 71.6130, 10.5438, 24.8954.



This preview shows how white text looks on a background with the YUV color 71.6130, 10.5438,

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

71.6130, 10.5438, 24.8954

Protanopia

69.5160, 17.4936, -10.9765

Deuteranopia

70.4970, 9.6150, -3.9439



Tritanopia

70.9320, -3.4175, 22.8616

Trichromacy



Original Color

71.6130, 10.5438, 24.8954

Protanomaly

70.3220, 15.1243, 2.3486

Deuteranomaly

70.6770, 10.0192, 6.4223

Tritanomaly

71.3110, 1.8187, 23.4063

Monochromacy



Original Color

71.6130, 10.5438, 24.8954

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7930, 4.0461, 8.9515

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6130, 10.5438, 24.8954 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(100, 53, 93)` looks like.

```
.text, #text, p{  
    color:rgb(100, 53, 93)  
}
```

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(100, 53, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 53, 93) }
```

Border

The CSS property to change the border of an element to YUV 71.6130, 10.5438, 24.8954 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(100, 53, 93) }
```


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

```
.border{ border-color:rgb(100, 53, 93) }
```

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

Here you see how a box with a 4 pixel rgb(100, 53, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 53, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 53, 93);  
box-shadow:4px 4px 4px 4px rgb(100, 53,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 71.6130, 10.5438, 24.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 53, 93) }
```

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

```
.background{ background-color: rgb(100, 53,  
93) }
```

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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