

Converting Colors

YUV(51.7930, 10.9481, 35.2615)

Have a look what the booklet for
YUV(51.7930, 10.9481, 35.2615)
contains.

YUV(51.7930, 10.9481, 35.2615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(51.7930, 10.9481,
35.2615)**

Conversions

Conversions Part 1

Format	Color
Hex	5C1B4A
RGB	92, 27, 74
RGB Percent	36%, 11%, 29%
CMY	0.6392, 0.8941, 0.7098
CMYK	0.00, 0.71, 0.20, 0.64
HSL	317°, 55%, 23%
HSV	317°, 71%, 36%
XYZ	6.0416, 3.5536, 6.8460
YIQ	51.7930, 23.6530, 28.3970

Conversions

Conversions Part 2

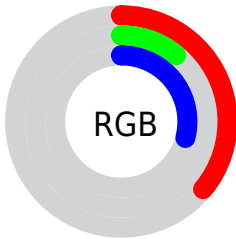
Format	Color
RYB	92, 27, 74
Decimal	6036298
CIELab	22.14, 35.16, -13.78
CIElCh	22, 37.763, 338.606
Yxy	3.5536, 0.3675, 0.2161
Android (android.graphics.Color)	4284226378 (0xFF5C1B4A)
YUV	51.7930, 10.9481, 35.2615
Hunter-Lab	18.8510, 24.2187, -8.3365

Details

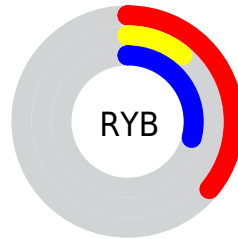
The YUV color **51.7930, 10.9481, 35.2615** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.2070, -10.9481, -35.2615**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6900, 10.5058, 37.1059**, and **16.8750, 6.4706, 24.6656** is the 20% darker color. If you saturate the color by 10%, you get **46.1680, 12.2422, 40.1947**, and if you desaturate by 10%, it is **57.4180, 9.6539, 30.3284**.

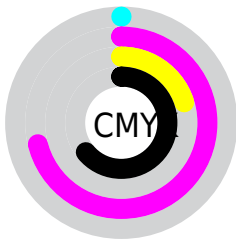
Distribution



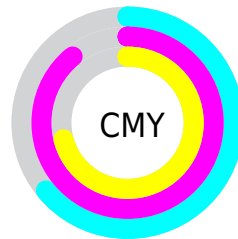
- Red (36%)
- Green (11%)
- Blue (29%)



- Red (36%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)
- Black (64%)





- Cyan (64%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 51.7930, 10.9481, 35.2615 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 51.7930, 10.9481, 35.2615 by changing the saturation by 10% instead.

 51.7930, 10.9481,
35.2615


 51.7930, 10.9481,
35.2615


255.0000, 0.0000,
0.0000


 25.8470, 12.4004,
36.0912

 101.6900, 10.5058,
37.1059


 16.8750, 6.4706,
24.6656


 127.7010, 10.5004,
38.8502

 1.0110, -0.0054,
1.7444

 154.2990, 10.2056,
40.0798

 0.0000, 0.0000,
0.0000

 181.7120, 10.4950,
40.5946

 208.8260, 10.9318,
40.4946

 227.9980, 13.3120,

23.6808

245.0210, 4.9196,
8.7516

51.7930, 10.9481,
35.2615

51.7930, 10.9481,
35.2615

46.1680, 12.2422,
40.1947

57.4180, 9.6539,
30.3284

40.6570, 13.9731,
45.0278

62.9290, 7.9230,
25.4953

35.1460, 15.7040,
49.8610

69.1410, 6.3395,
20.0473

74.6520, 4.6086,
15.2142

80.2770, 3.3144,
10.2811

■ 85.7880, 1.5835,
5.4479

■ 91.4130, 0.2894,
0.5148

■ 97.5110, -1.7309,
-4.8331

■ 103.1360, -3.0250,
-9.7663

Harmonies

Analogous

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



53.9620, 21.2177, 7.9263



51.7930, 10.9481, 35.2615



48.0690, -1.0200, 47.2975

Triad

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



51.7930, 10.9481, 35.2615



49.3390, -24.3241, 8.4727



48.0730, 19.1910, -42.1600

Complementary

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



51.7930, 10.9481, 35.2615



67.2070, -10.9481, -35.2615

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.



45.1090, 7.8343, -39.5606



51.7930, 10.9481, 35.2615



43.9940, -21.1960, -14.9037

Square

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



51.7930, 10.9481, 35.2615



50.3460, -24.8206, 27.7606



41.1020, -4.9803, -36.0465



47.7770, 28.2109, -41.9004

Rectangle

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



51.7930, 10.9481, 35.2615



48.3540, -10.0345, 45.2935



41.1020, -4.9803, -36.0465



47.1610, 15.6966, -41.3602

Sweetspot

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



51.7930, 10.9481, 35.2615



104.5270, 4.1772, 13.5698



39.4930, 25.8860, 3.9526



51.7390, 2.5937, 8.1219



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



51.7930, 10.9481, 35.2615



56.9340, 17.2875, 55.3089



48.1450, -3.0295, 38.4608



42.9510, 1.0102, 2.6740



41.8960, 18.2923, 59.7272



90.3570, 39.7570, 128.6059

Inverse Universe

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



51.7930, 10.9481, 35.2615



56.9340, 17.2875, 55.3089



70.8550, 3.0295, -38.4608



42.9510, 1.0102, 2.6740



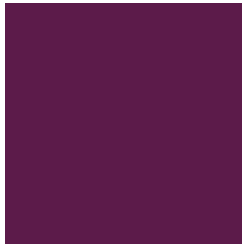
41.8960, 18.2923, 59.7272



90.3570, 39.7570, 128.6059

Previews

White Background



This preview shows how the YUV color 51.7930, 10.9481, 35.2615 looks on a white background.

Color Contrast Check

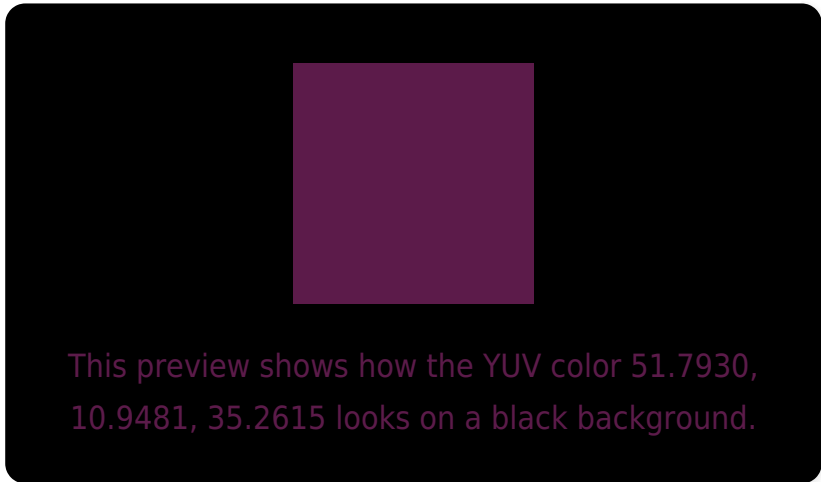
Large Text (above 18pt) WCAG AA ✓ Pass

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

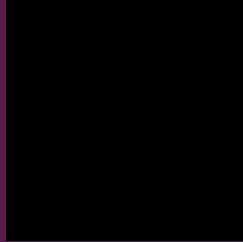
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.7930, 10.9481, 35.2615

Background



This preview shows how black text looks on a background with the YUV color 51.7930, 10.9481, 35.2615.



This preview shows how white text looks on a background with the YUV color 51.7930, 10.9481,

35.2615.

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

51.7930, 10.9481, 35.2615

Protanopia

52.4060, 20.9988, -15.2651

Deuteranopia

54.3400, 7.7204, -2.9292



Tritanopia

52.8900, -6.3548, 31.6685

Trichromacy



Original Color

51.7930, 10.9481, 35.2615

Protanomaly

52.4900, 17.0134, 3.0783

Deuteranomaly

53.6560, 8.5506, 10.8257

Tritanomaly

52.2090, -0.1030, 33.1427

Monochromacy



Original Color

51.7930, 10.9481, 35.2615

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1140, 3.8878, 13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.7930, 10.9481, 35.2615 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(92, 27, 74)` looks like.

```
.text, #text, p{  
    color:rgb(92, 27, 74)  
}
```

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(92, 27, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 27, 74) }
```

Border

The CSS property to change the border of an element to YUV 51.7930, 10.9481, 35.2615 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(92, 27, 74) }
```


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

```
.border{ border-color:rgb(92, 27, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 27, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 27, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 27, 74);  
box-shadow:4px 4px 4px 4px rgb(92, 27, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.7930, 10.9481, 35.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 27, 74) }
```

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

```
.background{ background-color: rgb(92, 27,  
74) }
```

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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