

Converting Colors

YUV(70.5450, 10.5773, 60.9120)

Have a look what the booklet for
YUV(70.5450, 10.5773, 60.9120)
contains.

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Color

**YUV(70.5450, 10.5773,
60.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	8C1F5C
RGB	140, 31, 92
RGB Percent	55%, 12%, 36%
CMY	0.4510, 0.8784, 0.6392
CMYK	0.00, 0.78, 0.34, 0.45
HSL	326°, 64%, 34%
HSV	326°, 78%, 55%
XYZ	13.2370, 7.3281, 10.8420
YIQ	70.5450, 45.3830, 42.0790

Conversions

Conversions Part 2

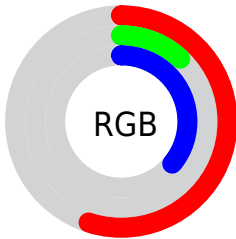
Format	Color
R_{YB}	140, 31, 92
Decimal	9183068
CIE _{Lab}	32.54, 49.94, -9.01
CIE _{LCh}	33, 50.742, 349.777
Yxy	7.3281, 0.4215, 0.2333
Android (android.graphics.Color)	4287373148 (0xFF8C1F5C)
YUV	70.5450, 10.5773, 60.9120
Hunter-Lab	27.0705, 39.9097, -4.7969

Details

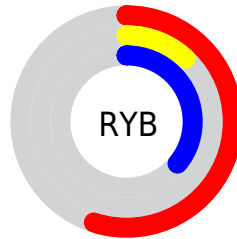
The YUV color **70.5450, 10.5773, 60.9120** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **100.4550, -10.5773, -60.9120**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1600, 7.8091, 62.1267**, and **30.6590, 7.5631, 47.6571** is the 20% darker color. If you saturate the color by 10%, you get **61.6430, 12.0080, 68.7191**, and if you desaturate by 10%, it is **79.4470, 9.1466, 53.1050**.

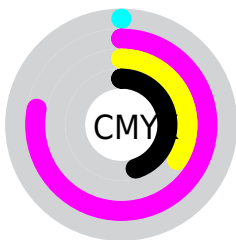
Distribution



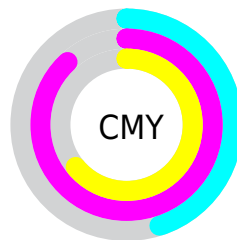
- Red (55%)
- Green (12%)
- Blue (36%)



- Red (55%)
- Yellow (12%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (34%)
- Black (45%)



- Cyan (45%)
- Magenta (88%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5450, 10.5773, 60.9120 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 70.5450, 10.5773, 60.9120 by changing the saturation by 10% instead.

70.5450, 10.5773,
60.9120

70.5450, 10.5773,
60.9120

255.0000, 0.0000,
0.0000

41.2400, 13.1927,
62.0565

126.1600, 7.8091,
62.1267

30.6590, 7.5631,
47.6571

153.7580, 7.5143,
63.3562

20.9040, 2.5123,
34.2872

181.3560, 7.2195,
64.5858

9.6820, -4.2802,
19.5729

200.9840, 11.3469,
47.3720

0.0000, 0.0000,
0.0000

220.6120, 15.4743,
30.1583

237.3900, 8.6817,

15.4440

■ 70.5450, 10.5773,
60.9120

■ 70.5450, 10.5773,
60.9120

■ 61.6430, 12.0080,
68.7191

■ 79.4470, 9.1466,
53.1050

■ 52.7410, 13.4387,
76.5261

■ 88.3490, 7.7159,
45.2979

■ 50.7520, 13.4333,
78.2705

■ 97.2510, 6.2853,
37.4909

■ 106.2670, 5.2914,
29.5838

■ 115.1690, 3.8607,
21.7768

■ 124.0710, 2.4300,
13.9697

■ 132.9730, 0.9993,
6.1627

■ 141.8750, -0.4314,
-1.6444

■ 150.7770, -1.8621,
-9.4514

Harmonies

Analogous

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



78.1200, 25.0838, 27.9588



70.5450, 10.5773, 60.9120



68.3660, -8.0684, 68.0850

Triad

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



70.5450, 10.5773, 60.9120



69.3520, -34.1905, -0.3087



69.6220, 33.2174, -61.0585

Complementary

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



70.5450, 10.5773, 60.9120



100.4550, -10.5773, -60.9120

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.



66.9200, 17.7874, -58.6888



70.5450, 10.5773, 60.9120



55.4800, -18.4776, -46.9020

Square

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



70.5450, 10.5773, 60.9120



72.4850, -35.7351, 28.5157



61.5450, -0.2687, -53.9750



67.6790, 43.5423, -59.3545

Rectangle

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



70.5450, 10.5773, 60.9120



70.1680, -21.2818, 59.4887



61.5450, -0.2687, -53.9750



69.0690, 28.5600, -60.5735

Sweetspot

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



70.5450, 10.5773, 60.9120



154.2940, 4.2921, 23.4212



57.4790, 40.6829, 17.9969



75.3700, 2.2826, 14.5845



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



70.5450, 10.5773, 60.9120



73.9480, 16.2946, 93.8846



64.3890, -13.0098, 66.3108



64.5490, 0.7153, 3.9035



48.2030, 12.7179, 74.3670



1.8370, 0.5734, 2.7740

Inverse Universe

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



70.5450, 10.5773, 60.9120



73.9480, 16.2946, 93.8846



106.6110, 13.0098, -66.3108



64.5490, 0.7153, 3.9035



48.2030, 12.7179, 74.3670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 70.5450, 10.5773, 60.9120 looks on a white background.

Color Contrast Check

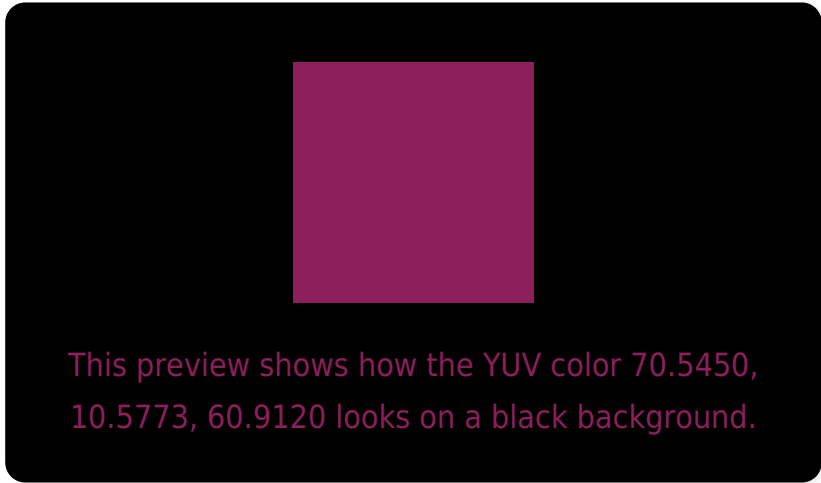
Large Text (above 18pt) WCAG AA ✓ Pass

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

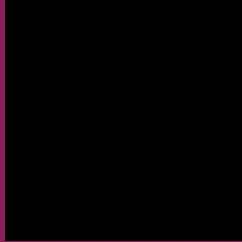
Any Text WCAG AA × Fail

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 70.5450, 10.5773, 60.9120 Background



This preview shows how black text looks on a background with the YUV color 70.5450, 10.5773, 60.9120.



This preview shows how white text looks on a background with the YUV color 70.5450, 10.5773,

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

70.5450, 10.5773, 60.9120

Protanopia

77.1610, 22.5986, -15.0502

Deuteranopia

78.9340, 3.4835, 2.6889



Tritanopia

72.7360, -12.6878, 56.3595

Trichromacy



Original Color

70.5450, 10.5773, 60.9120

Protanomaly

74.5990, 18.4387, 12.6297

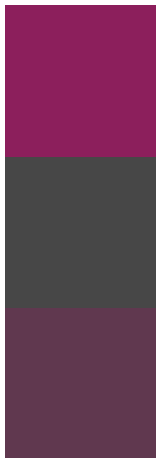
Deuteranomaly

76.0490, 5.8918, 23.6360

Tritanomaly

71.9240, -4.3995, 57.9487

Monochromacy



Original Color

70.5450, 10.5773, 60.9120

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.5820, 4.1501, 22.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5450, 10.5773, 60.9120 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(140, 31, 92)` looks like.

```
.text, #text, p{  
    color:rgb(140, 31, 92)  
}
```

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(140, 31, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 31, 92) }
```

Border

The CSS property to change the border of an element to YUV 70.5450, 10.5773, 60.9120 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(140, 31, 92) }
```


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

```
.border{ border-color:rgb(140, 31, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 31, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 31, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 31, 92);  
box-shadow:4px 4px 4px 4px rgb(140, 31,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 70.5450, 10.5773, 60.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 31, 92) }
```

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

```
.background{ background-color: rgb(140, 31,  
92) }
```

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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