

Converting Colors

YUV(70.7120, 10.4950, 40.5946)

Have a look what the booklet for
YUV(70.7120, 10.4950, 40.5946)
contains.

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Color

**YUV(70.7120, 10.4950,
40.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	752B5C
RGB	117, 43, 92
RGB Percent	46%, 17%, 36%
CMY	0.5412, 0.8314, 0.6392
CMYK	0.00, 0.63, 0.21, 0.54
HSL	320°, 46%, 31%
HSV	320°, 63%, 46%
XYZ	10.1318, 6.2824, 10.8038
YIQ	70.7120, 28.3750, 30.9270

Conversions

Conversions Part 2

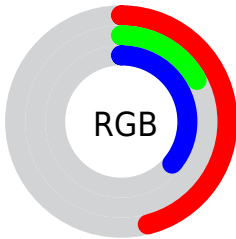
Format	Color
R _Y B	117, 43, 92
Decimal	7678812
CIE Lab	30.11, 38.31, -13.08
CIE LCh	30, 40.481, 341.142
Yxy	6.2824, 0.3722, 0.2308
Android (android.graphics.Color)	4285868892 (0xFF752B5C)
YUV	70.7120, 10.4950, 40.5946
Hunter-Lab	25.0647, 28.2910, -8.0110

Details

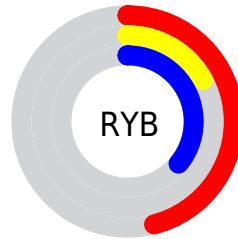
The YUV color **70.7120, 10.4950, 40.5946** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.2880, -10.4950, -40.5946**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9080, 9.9054, 43.0537**, and **24.9780, 10.3638, 35.9763** is the 20% darker color. If you saturate the color by 10%, you get **63.2120, 12.2205, 47.1721**, and if you desaturate by 10%, it is **78.2120, 8.7695, 34.0171**.

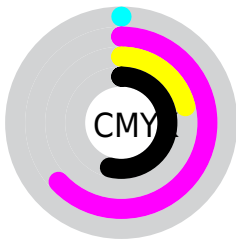
Distribution



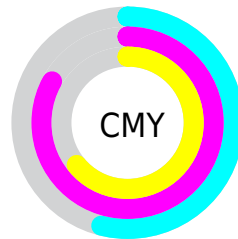
- Red (46%)
- Green (17%)
- Blue (36%)



- Red (46%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (63%)
- Yellow (21%)
- Black (54%)



- Cyan (54%)
- Magenta (83%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7120, 10.4950, 40.5946 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 70.7120, 10.4950, 40.5946 by changing the saturation by 10% instead.

70.7120, 10.4950,
40.5946

70.7120, 10.4950,
40.5946

255.0000, 0.0000,
0.0000

44.3530, 11.6580,
40.9094

121.9080, 9.9054,
43.0537

24.9780, 10.3638,
35.9763

148.6200, 10.0473,
44.1833

16.4190, 4.7234,
25.0655

176.2180, 9.7525,
45.4128

0.0000, 0.0000,
0.0000

203.3320, 10.1893,
45.3128

223.0740, 14.7535,
27.9991

239.7380, 7.5242,

13.3848

■ 70.7120, 10.4950,
40.5946

■ 70.7120, 10.4950,
40.5946

■ 63.2120, 12.2205,
47.1721

■ 78.2120, 8.7695,
34.0171

■ 56.2990, 13.6566,
53.2348

■ 85.1250, 7.3334,
27.9544

■ 48.7990, 15.3821,
59.8123

■ 92.6250, 5.6079,
21.3769

■ 43.7610, 16.3868,
64.2306

■ 100.1250, 3.8824,
14.7994

■ 107.6250, 2.1569,
8.2219

■ 114.5380, 0.7208,
2.1592

■ 122.0380, -1.0047,
-4.4183

■ 129.5380, -2.7302,
-10.9958

■ 136.4510, -4.1663,
-17.0585

Harmonies

Analogous

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



73.0380, 22.6593, 12.2447



70.7120, 10.4950, 40.5946



67.7060, -3.7991, 52.0008

Triad

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



70.7120, 10.4950, 40.5946



65.2760, -32.1811, 8.5279



62.0760, 24.6125, -54.4407

Complementary

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



70.7120, 10.4950, 40.5946



89.2880, -10.4950, -40.5946

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.



59.8300, 10.9298, -52.4709



70.7120, 10.4950, 40.5946



61.0860, -20.7484, -18.4924

Square

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



70.7120, 10.4950, 40.5946



67.3480, -31.2306, 30.3898



54.8940, -2.9057, -48.1420



61.8940, 34.0693, -54.2810

Rectangle

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



70.7120, 10.4950, 40.5946



67.4640, -13.5398, 49.5821



54.8940, -2.9057, -48.1420



61.6370, 20.3920, -54.0556

Sweetspot

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



70.7120, 10.4950, 40.5946



134.8370, 4.0244, 15.9290



58.9110, 28.6379, 7.9711



65.7500, 2.5883, 9.8663



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



70.7120, 10.4950, 40.5946



80.4620, 16.5342, 63.6158



66.4940, -5.6665, 44.2938



55.2500, 0.8628, 3.2888



45.7120, 17.3970, 66.9046



93.5600, 35.2199, 137.1979

Inverse Universe

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



70.7120, 10.4950, 40.5946



80.4620, 16.5342, 63.6158



93.5060, 5.6665, -44.2938



55.2500, 0.8628, 3.2888



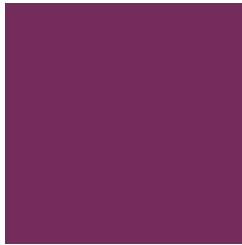
45.7120, 17.3970, 66.9046



93.5600, 35.2199, 137.1979

Previews

White Background



This preview shows how the YUV color 70.7120, 10.4950, 40.5946 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

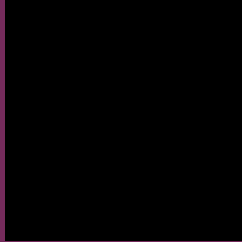
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7120, 10.4950, 40.5946

Background



This preview shows how black text looks on a background with the YUV color 70.7120, 10.4950, 40.5946.



This preview shows how white text looks on a background with the YUV color 70.7120, 10.4950,

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

70.7120, 10.4950, 40.5946

Protanopia

71.3030, 20.5566, -13.4207

Deuteranopia

72.3510, 7.7150, -1.1848



Tritanopia

70.9940, -7.3920, 37.7163

Trichromacy



Original Color

70.7120, 10.4950, 40.5946

Protanomaly

71.0990, 16.7132, 6.0522

Deuteranomaly

71.6780, 8.5397, 14.3144

Tritanomaly

71.0140, -0.9929, 38.5757

Monochromacy



Original Color

70.7120, 10.4950, 40.5946

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1250, 3.8824, 14.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7120, 10.4950, 40.5946 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(117, 43, 92)` looks like.

```
.text, #text, p{  
    color:rgb(117, 43, 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(117, 43, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 43, 92) }
```

Border

The CSS property to change the border of an element to YUV 70.7120, 10.4950, 40.5946 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(117, 43, 92) }
```


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

```
.border{ border-color:rgb(117, 43, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 43, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 43, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 43, 92);  
box-shadow:4px 4px 4px 4px rgb(117, 43,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 70.7120, 10.4950, 40.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 43, 92) }
```

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

```
.background{ background-color: rgb(117, 43,  
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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