

Converting Colors

YUV(101.5690, 0.7055, 53.8750)

Have a look what the booklet for
YUV(101.5690, 0.7055, 53.8750)
contains.

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Color

**YUV(101.5690, 0.7055,
53.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	A34667
RGB	163, 70, 103
RGB Percent	64%, 27%, 40%
CMY	0.3608, 0.7255, 0.5961
CMYK	0.00, 0.57, 0.37, 0.36
HSL	339°, 40%, 46%
HSV	339°, 57%, 64%
XYZ	19.7426, 13.1461, 14.3289
YIQ	101.5690, 44.8350, 29.9790

Conversions

Conversions Part 2

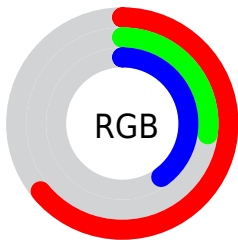
Format	Color
RYB	163, 70, 103
Decimal	10700391
CIELab	42.98, 41.88, -0.04
CIELCh	43, 41.878, 359.951
Yxy	13.1461, 0.4181, 0.2784
Android (android.graphics.Color)	4288890471 (0xFFA34667)
YUV	101.5690, 0.7055, 53.8750
Hunter-Lab	36.2576, 33.7442, 1.9491

Details

The YUV color **101.5690, 0.7055, 53.8750** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **131.4310, -0.7055, -53.8750**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2490, -0.6158, 57.6636**, and **47.4810, 4.1999, 53.0752** is the 20% darker color. If you saturate the color by 10%, you get **90.9230, 0.5310, 63.2115**, and if you desaturate by 10%, it is **112.2150, 0.8800, 44.5384**.

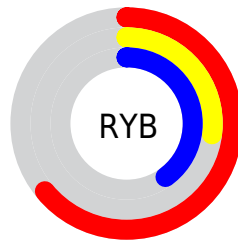
Distribution



Red (64%)

Green (27%)

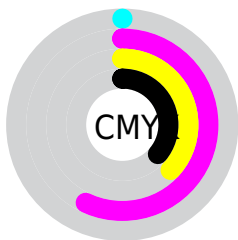
Blue (40%)



Red (64%)

Yellow (27%)

Blue (40%)

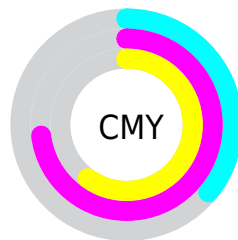


Cyan (0%)

Magenta (57%)

Yellow (37%)

Black (36%)



Cyan (36%)

Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5690, 0.7055, 53.8750 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 101.5690, 0.7055, 53.8750 by changing the saturation by 10% instead.

■ 101.5690, 0.7055,
53.8750

■ 101.5690, 0.7055,
53.8750

■ 255.0000, 0.0000,
0.0000

■ 75.1990, 1.8739,
52.4455

■ 155.2490, -0.6158,
57.6636

■ 47.4810, 4.1999,
53.0752

■ 182.8470, -0.9106,
58.8932

■ 28.2090, 3.3480,
46.2977

■ 203.2690, 2.3324,
45.3681

■ 18.2260, -2.5764,
33.1278

■ 222.8970, 6.4598,
28.1543

■ 7.2900, -3.1010,
14.6547

■ 242.0860, 6.3666,
11.3256

■ 0.0000, 0.0000,
0.0000

■ 101.5690, 0.7055,
53.8750

■ 101.5690, 0.7055,
53.8750

■ 90.9230, 0.5310,
63.2115

■ 112.2150, 0.8800,
44.5384

■ 79.8040, 1.0826,
72.9629

■ 123.3340, 0.3283,
34.7871

■ 69.1580, 0.9081,
82.2994

■ 133.9800, 0.5029,
25.4505

■ 58.6260, 1.1704,
91.5360

■ 144.5120, 0.2406,
16.2140

■ 55.3490, 1.3069,
94.4099

■ 155.7450, 0.1257,
6.3626

■ 166.2770, -0.1366,
-2.8739

■ 176.9230, 0.0380,
-12.2105

■ 187.4550, -0.2243,

-21.4470

■ 198.6880, -0.3392,
-31.2984

Harmonies

Analogous

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



104.1610, 16.1896, 34.0618



101.5690, 0.7055, 53.8750



100.0410, -15.3032, 55.2150

Triad

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



101.5690, 0.7055, 53.8750



94.2030, -28.2011, -8.0710



85.2720, 37.3339, -74.7835

Complementary

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



101.5690, 0.7055, 53.8750



131.4310, -0.7055, -53.8750

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.



84.6560, 24.8196, -74.2433



101.5690, 0.7055, 53.8750



86.2660, -10.4841, -44.0833

Square

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



101.5690, 0.7055, 53.8750



97.6580, -34.8344, 19.5939



80.6660, 9.5317, -70.7441



82.9230, 43.4220, -67.4615

Rectangle

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



101.5690, 0.7055, 53.8750



99.7660, -25.0276, 47.5632



80.6660, 9.5317, -70.7441



85.6480, 33.6975, -75.1133

Sweetspot

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



101.5690, 0.7055, 53.8750



188.1320, -0.0651, 20.9322



98.2430, 31.9252, 26.9739



93.0770, -0.0380, 12.2105



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



101.5690, 0.7055, 53.8750



116.8700, 1.0501, 83.4290



104.8510, -17.1815, 50.9967



76.0330, -0.0163, 5.2331



49.2830, 1.3395, 83.9438



6.0660, -0.0325, 10.4661

Inverse Universe

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



101.5690, 0.7055, 53.8750



116.8700, 1.0501, 83.4290



128.1490, 17.1815, -50.9967



76.0330, -0.0163, 5.2331



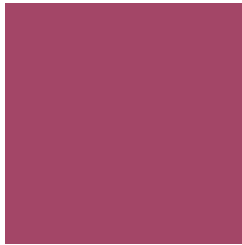
49.2830, 1.3395, 83.9438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 101.5690, 0.7055, 53.8750 looks on a white background.

Color Contrast Check

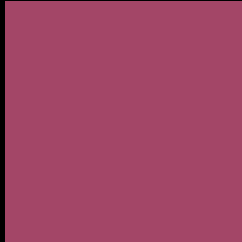
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.5690, 0.7055, 53.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

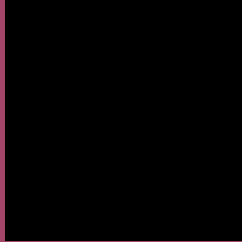
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.5690, 0.7055, 53.8750

Background



This preview shows how black text looks on a background with the YUV color 101.5690, 0.7055, 53.8750.



This preview shows how white text looks on a background with the YUV color 101.5690, 0.7055,

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

101.5690, 0.7055, 53.8750

Protanopia

102.4970, 9.6150, -3.9439

Deuteranopia

103.1860, -2.0637, 8.6069



Tritanopia

101.2840, -10.4930, 52.3709

Trichromacy



Original Color

101.5690, 0.7055, 53.8750

Protanomaly

102.4180, 6.2029, 17.1734

Deuteranomaly

102.2250, -1.0969, 25.2357

Tritanomaly

101.3210, -6.5673, 53.2155

Monochromacy



Original Color

101.5690, 0.7055, 53.8750

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.5340, 0.2297, 19.7027

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5690, 0.7055, 53.8750 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(163, 70, 103)` looks like.

```
.text, #text, p{  
    color:rgb(163, 70, 103)  
}
```

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(163, 70, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 70, 103) }
```

Border

The CSS property to change the border of an element to YUV 101.5690, 0.7055, 53.8750 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(163, 70, 103) }
```


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

```
.border{ border-color:rgb(163, 70, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 70, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 70, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 70, 103); box-shadow:4px 4px 4px 4px rgb(163, 70, 103) }
```

Background

The CSS property to change the background color of an element to YUV 101.5690, 0.7055, 53.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 70, 103) }
```

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

```
.background{ background-color: rgb(163, 70,  
103) }
```

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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