

Converting Colors

YUV(55.0700, 7.3605, 19.2326)

Have a look what the booklet for
YUV(55.0700, 7.3605, 19.2326)
contains.

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Color

**YUV(55.0700, 7.3605,
19.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	4D2946
RGB	77, 41, 70
RGB Percent	30%, 16%, 27%
CMY	0.6980, 0.8392, 0.7255
CMYK	0.00, 0.47, 0.09, 0.70
HSL	312°, 31%, 23%
HSV	312°, 47%, 30%
XYZ	4.9590, 3.6059, 6.2290
YIQ	55.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

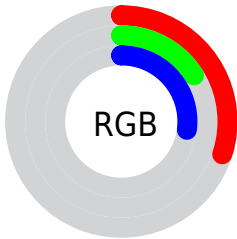
Format	Color
R_{YB}	77, 41, 70
Decimal	5056838
CIE _{Lab}	22.32, 21.65, -10.99
CIE _{LCh}	22, 24.277, 333.086
Yxy	3.6059, 0.3352, 0.2437
Android (android.graphics.Color)	4283246918 (0xFF4D2946)
YUV	55.0700, 7.3605, 19.2326
Hunter-Lab	18.9891, 13.3844, -6.1565




Details

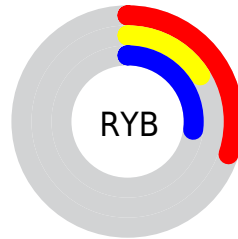
The YUV color **55.0700, 7.3605, 19.2326** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **62.9300, -7.3605, -19.2326**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.4940, 7.6445, 21.4918**, and **13.2440, 6.7817, 18.2030** is the 20% darker color. If you saturate the color by 10%, you get **50.2600, 9.2388, 23.4510**, and if you desaturate by 10%, it is **59.8800, 5.4822, 15.0142**.

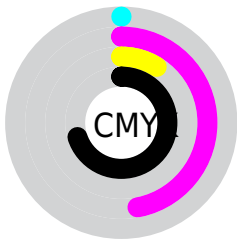
Distribution







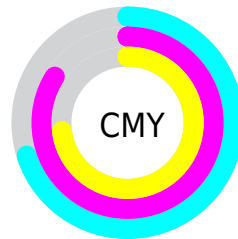
-  Red (30%)
-  Green (16%)
-  Blue (27%)






-  Red (30%)
-  Yellow (16%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (47%)
-  Yellow (9%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (84%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0700, 7.3605, 19.2326 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 55.0700, 7.3605, 19.2326 by changing the saturation by 10% instead.

■ 55.0700, 7.3605,
19.2326

■ 55.0700, 7.3605,
19.2326

■ 255.0000, 0.0000,
0.0000

■ 32.7710, 7.5079,
18.6178

■ 102.4940, 7.6445,
21.4918

■ 13.2440, 6.7817,
18.2030

■ 127.9070, 7.9338,
22.0066

■ 0.0000, 0.0000,
0.0000

■ 154.3200, 8.2232,
22.5214

■ 181.0320, 8.3652,
23.6509

■ 209.0320, 8.3652,
23.6509

■ 234.4550, 10.1287,

18.0180

250.8910, 2.0257,
3.6036

55.0700, 7.3605,
19.2326

55.0700, 7.3605,
19.2326

50.2600, 9.2388,
23.4510

59.8800, 5.4822,
15.0142

45.9230, 10.3910,
27.2545

64.2170, 4.3300,
11.2107

41.1130, 12.2693,
31.4729

69.0270, 2.4517,
6.9923

36.1890, 13.7108,
35.7912

73.9510, 1.0102,
2.6740

31.9660, 15.2998,
39.4948

78.7610, -0.8682,
-1.5444

■ 30.0910, 15.7311,
41.1392

■ 83.0980, -2.0203,
-5.3479

■ 87.9080, -3.8986,
-9.5663

■ 92.8320, -5.3402,
-13.8847

■ 97.0550, -6.9291,
-17.5882

Harmonies

Analogous

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



54.7950, 14.3981, 1.9338



55.0700, 7.3605, 19.2326



53.9480, -0.9604, 28.1096

Triad

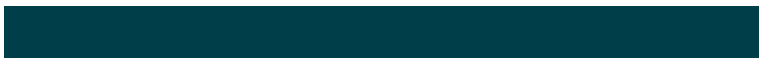
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.0700, 7.3605, 19.2326



51.4730, -17.4882, 9.2322



44.7160, 13.9440, -39.2159

Complementary

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



55.0700, 7.3605, 19.2326



62.9300, -7.3605, -19.2326

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.



42.6640, 6.0816, -37.4163



55.0700, 7.3605, 19.2326



49.4110, -13.5136, -5.6224

Square

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



55.0700, 7.3605, 19.2326



52.4190, -15.4896, 21.5575



45.2930, -4.5814, -23.9360



44.3230, 20.0538, -38.8713

Rectangle

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



55.0700, 7.3605, 19.2326



53.4660, -6.6387, 29.4093



45.2930, -4.5814, -23.9360



44.0320, 11.3232, -38.6161

Sweetspot

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



55.0700, 7.3605, 19.2326



91.1410, 2.8885, 6.8923



47.1970, 14.6929, 0.7042



45.4890, 1.7309, 4.8331



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



55.0700, 7.3605, 19.2326



65.5750, 11.5485, 29.3137



53.0180, -0.5019, 21.0322



35.6520, 1.1576, 2.0592



39.8460, 20.7819, 54.5091



89.8600, 46.9040, 122.9028

Inverse Universe

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



55.0700, 7.3605, 19.2326



65.5750, 11.5485, 29.3137



64.9820, 0.5019, -21.0322



35.6520, 1.1576, 2.0592



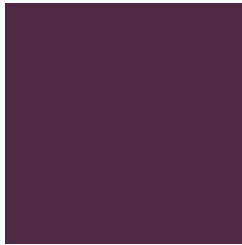
39.8460, 20.7819, 54.5091



89.8600, 46.9040, 122.9028

Previews

White Background



This preview shows how the YUV color 55.0700, 7.3605, 19.2326 looks on a white background.

Color Contrast Check

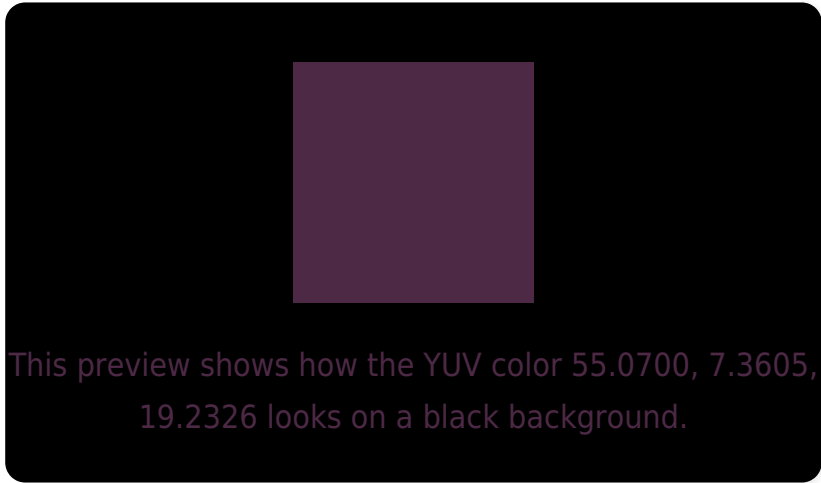
Large Text (above 18pt) WCAG AA ✓ Pass

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

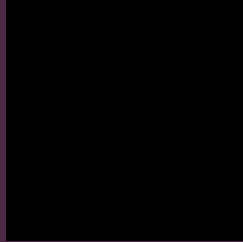
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0700, 7.3605, 19.2326

Background



This preview shows how black text looks on a background with the YUV color 55.0700, 7.3605, 19.2326.



This preview shows how white text looks on a background with the YUV color 55.0700, 7.3605,

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

55.0700, 7.3605, 19.2326

Protanopia

53.5720, 12.5360, -7.5176

Deuteranopia

54.4110, 6.6994, -2.1144



Tritanopia

55.0130, -2.9644, 17.5286

Trichromacy



Original Color

55.0700, 7.3605, 19.2326

Protanomaly

54.4700, 10.6143, 2.2188

Deuteranomaly

54.8680, 6.9671, 5.3778

Tritanomaly

55.0500, 0.9614, 18.3732

Monochromacy



Original Color

55.0700, 7.3605, 19.2326

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0700, 7.3605, 19.2326 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(77, 41, 70)` looks like.

```
.text, #text, p{  
    color:rgb(77, 41, 70)  
}
```

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(77, 41, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 41, 70) }
```

Border

The CSS property to change the border of an element to YUV 55.0700, 7.3605, 19.2326 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(77, 41, 70) }
```


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

```
.border{ border-color:rgb(77, 41, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 41, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 41, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 41, 70);  
box-shadow:4px 4px 4px 4px rgb(77, 41, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.0700, 7.3605, 19.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 41, 70) }
```

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

```
.background{ background-color: rgb(77, 41,  
70) }
```

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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