

Converting Colors

YUV(70.7050, 10.9914, 21.3067)

Have a look what the booklet for
YUV(70.7050, 10.9914, 21.3067)
contains.

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Color

**YUV(70.7050, 10.9914,
21.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	5F365D
RGB	95, 54, 93
RGB Percent	37%, 21%, 36%
CMY	0.6275, 0.7882, 0.6353
CMYK	0.00, 0.43, 0.02, 0.63
HSL	303°, 28%, 29%
HSV	303°, 43%, 37%
XYZ	8.0143, 5.8615, 11.0649
YIQ	70.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

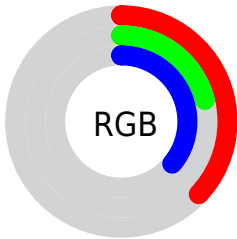
Format	Color
R_YB	95, 54, 93
Decimal	6239837
CIE _{Lab}	29.06, 25.03, -15.64
CIE _{LCh}	29, 29.512, 327.996
Yxy	5.8615, 0.3213, 0.2350
Android (android.graphics.Color)	4284429917 (0xFF5F365D)
YUV	70.7050, 10.9914, 21.3067
Hunter-Lab	24.2106, 16.7190, -10.1497




Details

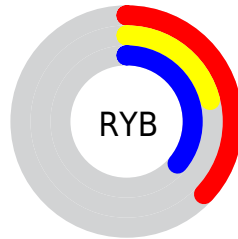
The YUV color **70.7050, 10.9914, 21.3067** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.2950, -10.9914, -21.3067**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.8300, 11.4228, 22.9511**, and **24.6940, 10.9969, 19.5624** is the 20% darker color. If you saturate the color by 10%, you get **64.8350, 13.8853, 26.4547**, and if you desaturate by 10%, it is **76.5750, 8.0975, 16.1587**.

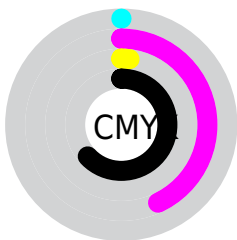
Distribution







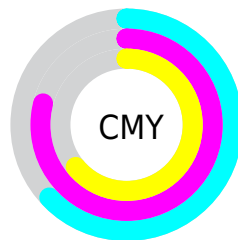
-  Red (37%)
-  Green (21%)
-  Blue (36%)






-  Red (37%)
-  Yellow (21%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (43%)
-  Yellow (2%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (79%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7050, 10.9914, 21.3067 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 70.7050, 10.9914, 21.3067 by changing the saturation by 10% instead.

■ 70.7050, 10.9914,
21.3067

■ 70.7050, 10.9914,
21.3067

■ 255.0000, 0.0000,
0.0000

■ 47.2920, 10.7020,
20.7919

■ 119.8300, 11.4228,
22.9511

■ 24.6940, 10.9969,
19.5624

■ 145.6560, 12.0016,
23.9807

■ 11.4500, 7.6662,
14.5144

■ 172.9550, 11.8542,
24.5955

■ 0.0000, 0.0000,
0.0000

■ 200.3680, 12.1436,
25.1103

■ 227.2970, 13.1646,
24.2955

■ 244.4340, 5.2090,

9.2664

■ 70.7050, 10.9914,
21.3067

■ 70.7050, 10.9914,
21.3067

■ 64.8350, 13.8853,
26.4547

■ 76.5750, 8.0975,
16.1587

■ 59.4380, 16.0531,
31.1879

■ 81.9720, 5.9298,
11.4256

■ 53.5680, 18.9470,
36.3359

■ 87.2550, 3.3253,
6.7924

■ 48.1710, 21.1147,
41.0690

■ 93.2390, 0.8682,
1.5444

■ 42.3010, 24.0086,
46.2170

■ 99.1090, -2.0257,
-3.6036

■ 38.6650, 25.3082,
49.4058

■ 104.5060, -4.1935,
-8.3368

■ 110.3760, -7.0874,
-13.4848

■ 115.7730, -9.2551,
-18.2179

■ 121.0560,
-11.8596, -22.8511

Harmonies

Analogous

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



69.4400, 19.5031, -2.1399



70.7050, 10.9914, 21.3067



69.4480, 0.7651, 34.6871

Triad

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



70.7050, 10.9914, 21.3067



66.5400, -22.4512, 14.4354



57.1060, 15.7237, -50.0820

Complementary

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



70.7050, 10.9914, 21.3067



78.2950, -10.9914, -21.3067

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.



54.4840, 5.6774, -47.7825



70.7050, 10.9914, 21.3067



63.7550, -18.6132, -3.2931

Square

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



70.7050, 10.9914, 21.3067



67.3660, -18.4214, 28.6200



59.6580, -8.2124, -26.0101



57.3970, 24.4543, -50.3372

Rectangle

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



70.7050, 10.9914, 21.3067



68.3360, -6.0816, 37.4163



59.6580, -8.2124, -26.0101



56.3080, 12.6662, -49.3821

Sweetspot

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



70.7050, 10.9914, 21.3067



112.6080, 4.6303, 8.2368



58.9730, 17.7613, -3.4843



55.1300, 2.8939, 5.1480



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.



70.7050, 10.9914, 21.3067



84.6770, 16.9212, 32.7323



68.4250, 2.2555, 23.3063



45.6520, 1.1576, 2.0592



45.6860, 30.2278, 58.1574



97.7520, 64.2123, 124.7515

Inverse Universe

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



70.7050, 10.9914, 21.3067



84.6770, 16.9212, 32.7323



80.5750, -2.2555, -23.3063



45.6520, 1.1576, 2.0592



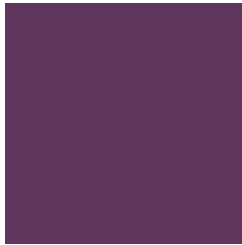
45.6860, 30.2278, 58.1574



97.7520, 64.2123, 124.7515

Previews

White Background



This preview shows how the YUV color 70.7050, 10.9914, 21.3067 looks on a white background.

Color Contrast Check

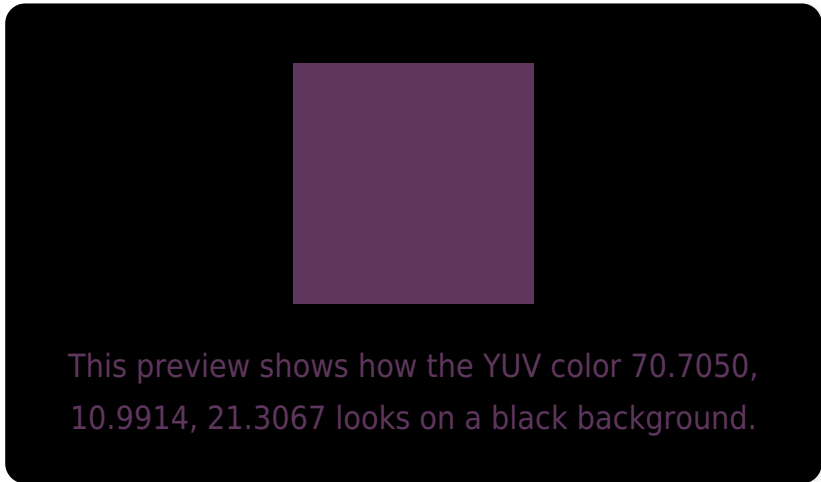
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.7050, 10.9914, 21.3067

Background



This preview shows how black text looks on a background with the YUV color 70.7050, 10.9914, 21.3067.



This preview shows how white text looks on a background with the YUV color 70.7050, 10.9914,

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

70.7050, 10.9914, 21.3067

Protanopia

68.5160, 17.4936, -10.9765

Deuteranopia

69.3120, 10.1992, -4.6586



Tritanopia

69.8390, -2.3856, 18.5582

Trichromacy



Original Color

70.7050, 10.9914, 21.3067

Protanomaly

69.3110, 15.1297, 0.6043

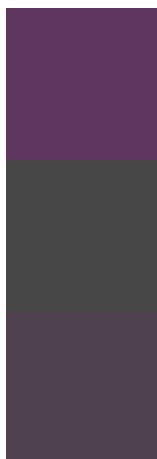
Deuteranomaly

69.7800, 10.4615, 4.5779

Tritanomaly

70.1040, 2.4137, 19.2028

Monochromacy



Original Color

70.7050, 10.9914, 21.3067

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0810, 3.9041, 7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7050, 10.9914, 21.3067 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(95, 54, 93)` looks like.

```
.text, #text, p{  
    color:rgb(95, 54, 93)  
}
```

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(95, 54, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 54, 93) }
```

Border

The CSS property to change the border of an element to YUV 70.7050, 10.9914, 21.3067 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(95, 54, 93) }
```


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

```
.border{ border-color:rgb(95, 54, 93) }
```

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

Here you see how a box with a 4 pixel rgb(95, 54, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 54, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 54, 93);  
box-shadow:4px 4px 4px 4px rgb(95, 54, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.7050, 10.9914, 21.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 54, 93) }
```

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

```
.background{ background-color: rgb(95, 54,  
93) }
```

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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