

Converting Colors

YUV(70.3370, 5.7499, 22.5065)

Have a look what the booklet for
YUV(70.3370, 5.7499, 22.5065)
contains.

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Color

**YUV(70.3370, 5.7499,
22.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	603752
RGB	96, 55, 82
RGB Percent	38%, 22%, 32%
CMY	0.6235, 0.7843, 0.6784
CMYK	0.00, 0.43, 0.15, 0.62
HSL	320°, 27%, 30%
HSV	320°, 43%, 38%
XYZ	7.7130, 5.8284, 8.7011
YIQ	70.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

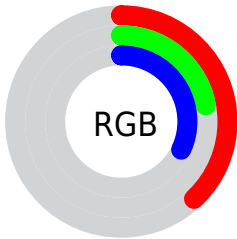
Format	Color
R_{YB}	96, 55, 82
Decimal	6305618
CIE _{Lab}	28.98, 22.61, -8.60
CIE _{LCh}	29, 24.193, 339.171
Yxy	5.8284, 0.3468, 0.2620
Android (android.graphics.Color)	4284495698 (0xFF603752)
YUV	70.3370, 5.7499, 22.5065
Hunter-Lab	24.1420, 14.7798, -4.4695

Details

The YUV color **70.3370, 5.7499, 22.5065** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.6630, -5.7499, -22.5065**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6470, 5.5970, 24.8656**, and **25.0270, 5.9027, 20.1473** is the 20% darker color. If you saturate the color by 10%, you get **64.1250, 7.3334, 27.9544**, and if you desaturate by 10%, it is **76.5490, 4.1663, 17.0585**.

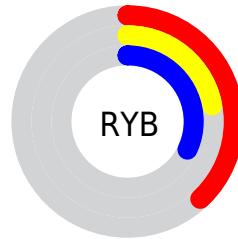
Distribution



Red (38%)

Green (22%)

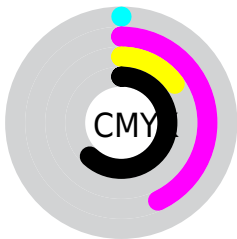
Blue (32%)



Red (38%)

Yellow (22%)

Blue (32%)

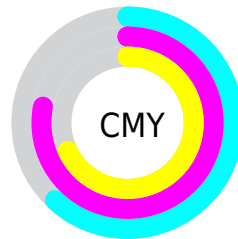


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (62%)



Cyan (62%)

Magenta (78%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3370, 5.7499, 22.5065 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 70.3370, 5.7499, 22.5065 by changing the saturation by 10% instead.

70.3370, 5.7499,
22.5065

70.3370, 5.7499,
22.5065

255.0000, 0.0000,
0.0000

47.6250, 5.6079,
21.3769

119.6470, 5.5970,
24.8656

25.0270, 5.9027,
20.1473

145.0600, 5.8864,
25.3804

10.4950, 2.7140,
16.2289

171.7720, 6.0284,
26.5100

0.0000, 0.0000,
0.0000

199.4840, 6.1704,
27.6395

226.2880, 6.7600,
25.1804

245.0210, 4.9196,

8.7516

■ 70.3370, 5.7499,
22.5065

■ 70.3370, 5.7499,
22.5065

■ 64.1250, 7.3334,
27.9544

■ 76.5490, 4.1663,
17.0585

■ 58.3860, 8.1907,
32.9875

■ 82.2880, 3.3090,
12.0254

■ 52.1740, 9.7742,
38.4354

■ 88.5000, 1.7255,
6.5775

■ 46.5490, 11.0683,
43.3685

■ 94.1250, 0.4314,
1.6444

■ 40.3370, 12.6519,
48.8165

■ 100.3370, -1.1521,
-3.8035

■ 35.8860, 13.3672,
52.7200

■ 106.6630, -2.2989,
-9.3515

■ 112.2880, -3.5930,
-14.2846

■ 118.5000, -5.1765,
-19.7325

■ 124.2390, -6.0338,
-24.7656

Harmonies

Analogous

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



70.1870, 13.2188, 6.8520



70.3370, 5.7499, 22.5065



69.3890, -3.1498, 30.3538

Triad

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



70.3370, 5.7499, 22.5065



66.0490, -17.7722, 6.9730



55.5730, 17.4655, -48.7375

Complementary

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



70.3370, 5.7499, 22.5065



80.6630, -5.7499, -22.5065

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.



54.2220, 9.7506, -47.5527



70.3370, 5.7499, 22.5065



63.9160, -12.7766, -8.6963

Square

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



70.3370, 5.7499, 22.5065



67.9520, -17.2313, 20.2131



59.7270, -2.8234, -27.8246



55.1800, 23.5753, -48.3929

Rectangle

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



70.3370, 5.7499, 22.5065



68.8960, -8.8227, 29.9092



59.7270, -2.8234, -27.8246



55.5900, 14.9921, -48.7524

Sweetspot

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



70.3370, 5.7499, 22.5065



114.9240, 2.0095, 8.8367



63.8600, 15.8450, 4.5078



57.6740, 1.1467, 5.5479



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



70.3370, 5.7499, 22.5065



84.9240, 8.9115, 35.1467



68.0570, -2.9861, 24.5060



45.5380, 0.7208, 2.1592



41.9240, 15.8135, 61.4567



89.7720, 33.6364, 131.7500

Inverse Universe

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



70.3370, 5.7499, 22.5065



84.9240, 8.9115, 35.1467



82.9430, 2.9861, -24.5060



45.5380, 0.7208, 2.1592



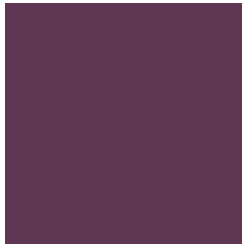
41.9240, 15.8135, 61.4567



89.7720, 33.6364, 131.7500

Previews

White Background



This preview shows how the YUV color 70.3370, 5.7499, 22.5065 looks on a white background.

Color Contrast Check

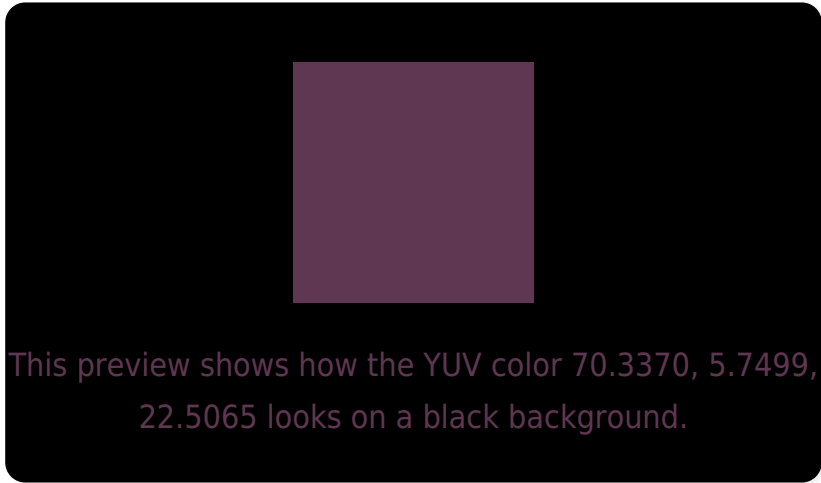
Large Text (above 18pt) WCAG AA ✓ Pass

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

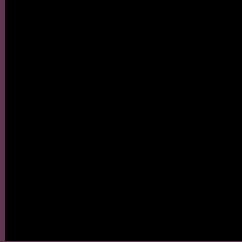
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3370, 5.7499, 22.5065

Background



This preview shows how black text looks on a background with the YUV color 70.3370, 5.7499, 22.5065.



This preview shows how white text looks on a background with the YUV color 70.3370, 5.7499,

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

70.3370, 5.7499, 22.5065

Protanopia

68.8280, 10.9308, -5.9882

Deuteranopia

69.3790, 5.2362, 0.5446



Tritanopia

69.9210, -3.4121, 21.1173

Trichromacy



Original Color

70.3370, 5.7499, 22.5065

Protanomaly

69.1390, 9.2985, 4.2631

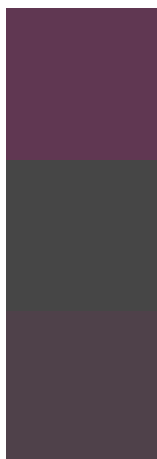
Deuteranomaly

69.8360, 5.5039, 8.0368

Tritanomaly

70.4310, -0.2125, 21.5470

Monochromacy



Original Color

70.3370, 5.7499, 22.5065

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3370, 5.7499, 22.5065 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(96, 55, 82)` looks like.

```
.text, #text, p{  
    color:rgb(96, 55, 82)  
}
```

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(96, 55, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 55, 82) }
```

Border

The CSS property to change the border of an element to YUV 70.3370, 5.7499, 22.5065 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(96, 55, 82) }
```


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

```
.border{ border-color:rgb(96, 55, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 55, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 55, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 55, 82);  
box-shadow:4px 4px 4px 4px rgb(96, 55, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3370, 5.7499, 22.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 55, 82) }
```

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

```
.background{ background-color: rgb(96, 55,  
82) }
```

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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