

Converting Colors

YUV(69.2970, -7.0484, 20.7875)

Have a look what the booklet for
YUV(69.2970, -7.0484, 20.7875)
contains.

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Color

**YUV(69.2970, -7.0484,
20.7875)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3C37
RGB	93, 60, 55
RGB Percent	36%, 24%, 22%
CMY	0.6353, 0.7647, 0.7843
CMYK	0.00, 0.35, 0.41, 0.64
HSL	8°, 26%, 29%
HSV	8°, 41%, 36%
XYZ	6.8196, 5.8347, 4.3812
YIQ	69.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

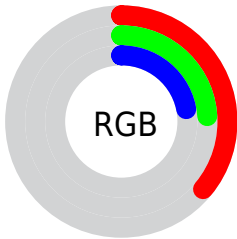
Format	Color
RYB	93, 61, 55
Decimal	6110263
CIELab	28.99, 13.84, 9.04
CIElCh	29, 16.528, 33.147
Yxy	5.8347, 0.4003, 0.3425
Android (android.graphics.Color)	4284300343 (0xFF5D3C37)
YUV	69.2970, -7.0484, 20.7875
Hunter-Lab	24.1551, 8.1239, 6.1547

Details

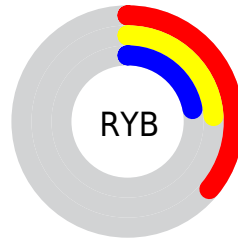
The YUV color **69.2970, -7.0484, 20.7875** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **78.7030, 7.0484, -20.7875**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3790, -8.0748, 23.3466**, and **24.6880, -6.7482, 17.8136** is the 20% darker color. If you saturate the color by 10%, you get **63.5750, -8.6645, 25.8057**, and if you desaturate by 10%, it is **75.0190, -5.4324, 15.7693**.

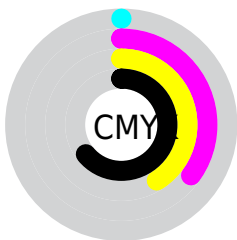
Distribution



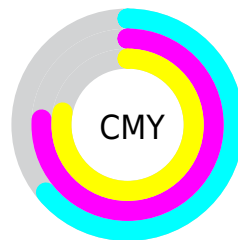
- Red (36%)
- Green (24%)
- Blue (22%)



- Red (36%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (41%)
- Black (64%)



- Cyan (64%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2970, -7.0484, 20.7875 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 69.2970, -7.0484, 20.7875 by changing the saturation by 10% instead.

■ 69.2970, -7.0484,
20.7875

■ 69.2970, -7.0484,
20.7875

■ 255.0000, 0.0000,
0.0000

■ 46.8130, -6.3168,
19.4580

■ 118.3790, -8.0748,
23.3466

■ 24.6880, -6.7482,
17.8136

■ 143.9770, -8.3697,
24.5762

■ 6.2790, -3.0955,
12.9103

■ 170.2760, -8.5171,
25.1909

■ 0.0000, 0.0000,
0.0000

■ 197.7600, -9.2487,
26.5205

■ 225.4610, -9.1013,
25.9057

■ 245.0890, -4.9739,

8.6919

■ 69.2970, -7.0484,
20.7875

■ 69.2970, -7.0484,
20.7875

■ 63.5750, -8.6645,
25.8057

■ 75.0190, -5.4324,
15.7693

■ 57.7390, -10.7173,
30.9239

■ 80.8550, -3.3795,
10.6512

■ 52.0170, -12.3334,
35.9421

■ 86.5770, -1.7635,
5.6330

■ 46.2950, -13.9494,
40.9603

■ 92.2990, -0.1474,
0.6148

■ 40.5730, -15.5655,
45.9785

■ 98.1350, 1.9054,
-4.5034

■ 34.8510, -17.1815,
50.9967

■ 103.8570, 3.5215,
-9.5216

■ 110.1660, 4.8482,
-15.0546

■ 115.8880, 6.4642,
-20.0728

■ 121.7240, 8.5171,
-25.1909

Harmonies

Analogous

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



70.0780, -1.5175, 20.1026



69.2970, -7.0484, 20.7875



68.8250, -11.2527, 15.9395

Triad

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



69.2970, -7.0484, 20.7875



63.8750, -3.8824, -14.7994



67.0660, 13.2785, -12.3359

Complementary

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



69.2970, -7.0484, 20.7875



78.7030, 7.0484, -20.7875

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.



63.6900, 13.4638, -25.1611



69.2970, -7.0484, 20.7875



61.7580, 3.5703, -25.2208

Square

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



69.2970, -7.0484, 20.7875



66.1600, -9.4459, -3.6483



61.1470, 10.2805, -30.8239



69.9430, 9.8881, 1.8040

Rectangle

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



69.2970, -7.0484, 20.7875



68.1510, -12.3994, 10.3916



61.1470, 10.2805, -30.8239



65.7450, 13.4367, -16.4394

Sweetspot

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



69.2970, -7.0484, 20.7875



110.6590, -2.7899, 8.1921



70.2380, 9.2497, 19.9623



55.9790, -1.4686, 4.4034



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.



69.2970, -7.0484, 20.7875



83.3370, -11.0121, 32.1535



79.8630, -12.2575, 11.5211



43.0820, -1.0264, 2.5591



41.1080, -20.2662, 60.4183



89.0600, -43.9066, 129.7434

Inverse Universe

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



78.7030, 7.0484, -20.7875



97.6630, 11.0121, -32.1535



68.1370, 12.2575, -11.5211



43.9180, 1.0264, -2.5591



68.3050, 20.5556, -59.9035



147.9400, 43.9066, -129.7434

Previews

White Background



This preview shows how the YUV color 69.2970, -7.0484, 20.7875 looks on a white background.

Color Contrast Check

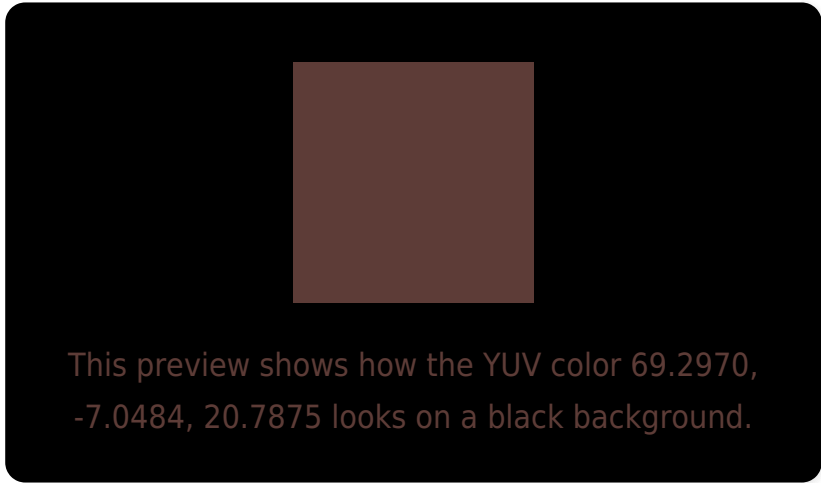
Large Text (above 18pt) WCAG AA ✓ Pass

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

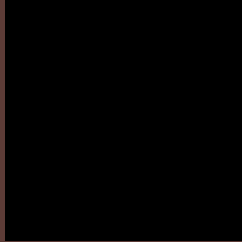
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.2970, -7.0484, 20.7875

Background



This preview shows how black text looks on a background with the YUV color 69.2970, -7.0484, 20.7875.

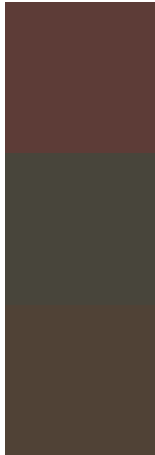


This preview shows how white text looks on a background with the YUV color 69.2970, -7.0484,

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

69.2970, -7.0484, 20.7875

Protanopia

68.7570, -4.8102, 2.8441

Deuteranopia

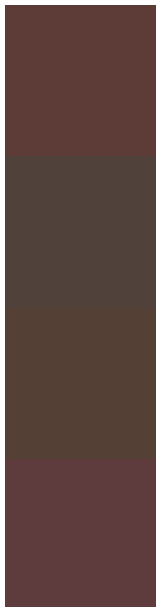
68.8180, -7.3053, 9.8066



Tritanopia

69.9210, -3.4121, 21.1173

Trichromacy



Original Color

69.2970, -7.0484, 20.7875

Protanomaly

69.2740, -5.5581, 9.4067

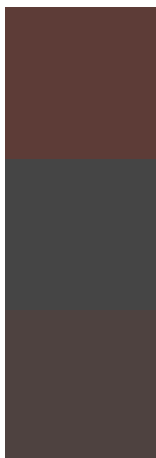
Deuteranomaly

69.1390, -7.4635, 13.9101

Tritanomaly

69.5790, -4.7224, 21.4172

Monochromacy



Original Color

69.2970, -7.0484, 20.7875

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3600, -2.6425, 7.5773

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2970, -7.0484, 20.7875 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(93, 60, 55)` looks like.

```
.text, #text, p{  
    color:rgb(93, 60, 55)  
}
```

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(93, 60, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 60, 55) }
```

Border

The CSS property to change the border of an element to YUV 69.2970, -7.0484, 20.7875 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(93, 60, 55) }
```


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

```
.border{ border-color:rgb(93, 60, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 60, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 60, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 60, 55);  
box-shadow:4px 4px 4px 4px rgb(93, 60, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.2970, -7.0484, 20.7875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 60, 55) }
```

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

```
.background{ background-color: rgb(93, 60,  
55) }
```

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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