

Converting Colors

YUV(109.2970, -7.0484,
20.7875)

Have a look what the booklet for
YUV(109.2970, -7.0484, 20.7875)
contains.

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Color

**YUV(109.2970, -7.0484,
20.7875)**

Conversions

Conversions Part 1

Format	Color
Hex	85645F
RGB	133, 100, 95
RGB Percent	52%, 39%, 37%
CMY	0.4784, 0.6078, 0.6275
CMYK	0.00, 0.25, 0.29, 0.48
HSL	8°, 17%, 45%
HSV	8°, 29%, 52%
XYZ	16.2956, 14.9271, 12.8488
YIQ	109.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

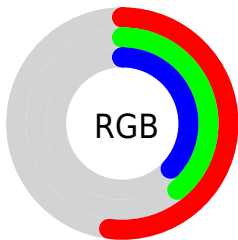
Format	Color
R_{YB}	133, 101, 95
Decimal	8741983
CIE _{Lab}	45.53, 12.53, 7.99
CIE _{LCh}	46, 14.866, 32.532
Yxy	14.9271, 0.3698, 0.3387
Android (android.graphics.Color)	4286932063 (0xFF85645F)
YUV	109.2970, -7.0484, 20.7875
Hunter-Lab	38.6356, 7.6748, 7.3272

Details

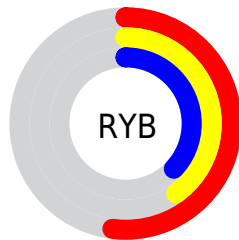
The YUV color **109.2970, -7.0484, 20.7875** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118.7030, 7.0484, -20.7875**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0800, -7.9274, 22.7318**, and **61.2150, -6.0220, 18.2284** is the 20% darker color. If you saturate the color by 10%, you get **100.7710, -9.2541, 28.2648**, and if you desaturate by 10%, it is **117.8230, -4.8427, 13.3102**.

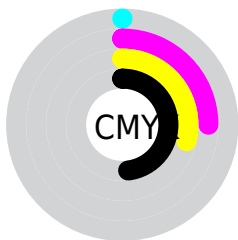
Distribution



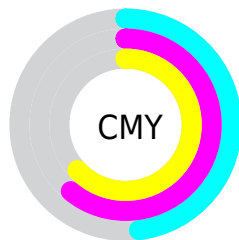
- Red (52%)
- Green (39%)
- Blue (37%)



- Red (52%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (48%)



- Cyan (48%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2970, -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 109.2970, -7.0484, 20.7875 by changing the saturation by 10% instead.

■ 109.2970, -7.0484,
20.7875

■ 109.2970, -7.0484,
20.7875

255.0000, 0.0000,
0.0000

■ 84.6990, -6.7536,
19.5580

■ 161.0800, -7.9274,
22.7318

■ 61.2150, -6.0220,
18.2284

■ 188.3790, -8.0748,
23.3466

■ 39.3180, -5.5798,
16.3841

■ 215.9770, -8.3697,
24.5762

■ 17.0470, -7.9112,
17.4988

■ 238.8940, -5.8637,
14.1250

■ 0.0000, 0.0000,
0.0000

■ 109.2970, -7.0484,

■ 109.2970, -7.0484,

20.7875

20.7875

■ 100.7710, -9.2541,
28.2648

■ 117.8230, -4.8427,
13.3102

■ 92.7180, -12.1860,
35.3273

■ 125.8760, -1.9109,
6.2477

■ 84.1920, -14.3917,
42.8046

■ 134.4020, 0.2948,
-1.2296

■ 76.2530, -16.8867,
49.7671

■ 142.3410, 2.7899,
-8.1921

■ 67.6130, -19.5292,
57.3444

■ 150.9810, 5.4324,
-15.7693

■ 59.6740, -22.0243,
64.3069

■ 158.9200, 7.9274,
-22.7318

■ 51.1480, -24.2300,
71.7842

■ 167.4460, 10.1331,
-30.2091

■ 49.7460, -24.5248,
73.0138

■ 175.3850, 12.6282,
-37.1716

■ 184.0250, 15.2707,
-44.7489

Harmonies

Analogous

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



109.7790, -1.3700, 19.4878



109.2970, -7.0484, 20.7875



108.2380, -10.9633, 16.4543

Triad

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



109.2970, -7.0484, 20.7875



104.4730, -4.1772, -13.5698



107.4360, 12.1101, -10.9064

Complementary

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



109.2970, -7.0484, 20.7875



118.7030, 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.



104.3700, 12.1426, -21.3725



109.2970, -7.0484, 20.7875



102.8400, 2.5439, -22.6617

Square

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



109.2970, -7.0484, 20.7875



105.8720, -9.3039, -2.5187



102.5390, 9.1013, -25.9057



108.9430, 9.8881, 1.8040

Rectangle

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



109.2970, -7.0484, 20.7875



107.5640, -12.1101, 10.9064



102.5390, 9.1013, -25.9057



106.2290, 12.7051, -15.1098

Sweetspot

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



109.2970, -7.0484, 20.7875



163.6590, -2.7899, 8.1921



110.2380, 9.2497, 19.9623



80.5770, -1.7635, 5.6330



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.2970, -7.0484, 20.7875



136.3370, -11.0121, 32.1535



119.8630, -12.2575, 11.5211



62.3810, -1.1738, 3.1739



48.8490, -24.0826, 71.1694



0.8970, -0.4422, 1.8443

Inverse Universe

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



118.7030, 7.0484, -20.7875



151.2500, 10.7227, -32.6683



108.1370, 12.2575, -11.5211



63.6190, 1.1738, -3.1739



81.1510, 24.0826, -71.1694



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 109.2970, -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 × Fail

Black Background



This preview shows how the YUV color 109.2970, -7.0484, 20.7875 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 109.2970, -7.0484, 20.7875

Background



This preview shows how black text looks on a background with the YUV color 109.2970, -7.0484, 20.7875.

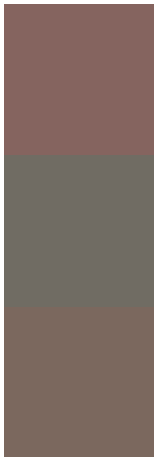


This preview shows how white text looks on a background with the YUV color 109.2970, -7.0484,

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

109.2970, -7.0484, 20.7875

Protanopia

108.1700, -4.5208, 3.3589

Deuteranopia

108.5410, -7.1687, 12.6805



Tritanopia

109.6760, -1.8123, 21.3321

Trichromacy



Original Color

109.2970, -7.0484, 20.7875

Protanomaly

108.6870, -5.2687, 9.9215

Deuteranomaly

109.1500, -7.4690, 15.6544

Tritanomaly

109.8070, -3.8489, 21.2173

Monochromacy



Original Color

109.2970, -7.0484, 20.7875

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3600, -2.6425, 7.5773

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2970, -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(133, 100, 95)` looks like.

```
.text, #text, p{  
    color:rgb(133, 100, 95)  
}
```

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(133, 100, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 100, 95) }
```

Border

The CSS property to change the border of an element to YUV 109.2970, -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(133, 100, 95) }
```


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

```
.border{ border-color:rgb(133, 100, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 100, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 100, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 100, 95);  
box-shadow:4px 4px 4px 4px rgb(133, 100,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 109.2970, -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(133, 100, 95) }
```

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

```
.background{ background-color: rgb(133,  
100, 95) }
```

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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