

Converting Colors

YUV(87.4010, 8.6763, 17.1883)

Have a look what the booklet for
YUV(87.4010, 8.6763, 17.1883)
contains.

YUV(87.4010, 8.6763, 17.1883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.4010, 8.6763,
17.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4A69
RGB	107, 74, 105
RGB Percent	42%, 29%, 41%
CMY	0.5804, 0.7098, 0.5882
CMYK	0.00, 0.31, 0.02, 0.58
HSL	304°, 18%, 35%
HSV	304°, 31%, 42%
XYZ	11.0620, 9.0433, 14.5271
YIQ	87.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

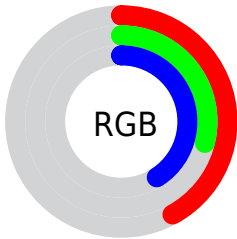
Format	Color
R_{YB}	107, 74, 105
Decimal	7031401
CIE _{Lab}	36.07, 19.69, -12.43
CIE _{LCh}	36, 23.283, 327.747
Yxy	9.0433, 0.3194, 0.2611
Android (android.graphics.Color)	4285221481 (0xFF6B4A69)
YUV	87.4010, 8.6763, 17.1883
Hunter-Lab	30.0720, 13.0351, -7.5912

Details

The YUV color **87.4010, 8.6763, 17.1883** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.5990, -8.6763, -17.1883**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5260, 9.1077, 18.8327**, and **41.2760, 8.2449, 15.5439** is the 20% darker color. If you saturate the color by 10%, you get **80.8300, 11.4228, 22.9511**, and if you desaturate by 10%, it is **93.9720, 5.9298, 11.4256**.

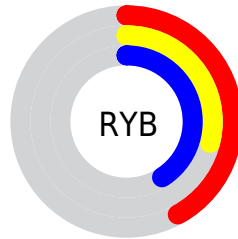
Distribution



Red (42%)

Green (29%)

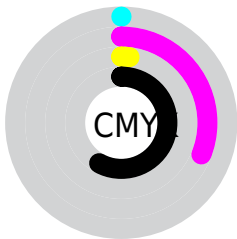
Blue (41%)



Red (42%)

Yellow (29%)

Blue (41%)

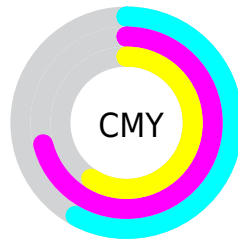


Cyan (0%)

Magenta (31%)

Yellow (2%)

Black (58%)



Cyan (58%)

Magenta (71%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4010, 8.6763, 17.1883 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 87.4010, 8.6763, 17.1883 by changing the saturation by 10% instead.

87.4010, 8.6763,
17.1883

87.4010, 8.6763,
17.1883

255.0000, 0.0000,
0.0000

63.6890, 8.5343,
16.0587

137.5260, 9.1077,
18.8327

41.2760, 8.2449,
15.5439

163.9390, 9.3971,
19.3475

19.2760, 8.2449,
15.5439

191.3520, 9.6865,
19.8623

1.8950, 5.9678,
-0.7849

218.7650, 9.9759,
20.3771

0.0000, 0.0000,
0.0000

241.4990, 6.6560,
11.8404

87.4010, 8.6763,
17.1883

87.4010, 8.6763,
17.1883

80.8300, 11.4228,
22.9511

93.9720, 5.9298,
11.4256

74.9600, 14.3167,
28.0991

99.8420, 3.0359,
6.2776

68.3890, 17.0632,
33.8618

106.4130, 0.2894,
0.5148

61.8180, 19.8097,
39.6246

112.9840, -2.4571,
-5.2480

55.3610, 22.9930,
45.2874

119.4410, -5.6404,
-10.9108

49.3770, 25.4501,
50.5354


125.4250, -8.0975,
-16.1587

43.5070, 28.3440,
55.6834

131.9960,
-10.8440, -21.9215

138.4530,

-14.0273, -27.5843

 144.4370,
-16.4844, -32.8322

Harmonies

Analogous

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



86.4140, 15.5719, -1.2401



87.4010, 8.6763, 17.1883



86.5890, 0.2026, 28.4244

Triad

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



87.4010, 8.6763, 17.1883



83.3810, -17.9358, 12.8209



67.4040, 17.0558, -57.3593

Complementary

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



87.4010, 8.6763, 17.1883



93.5990, -8.6763, -17.1883

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.



74.4960, 4.1925, -38.1460



87.4010, 8.6763, 17.1883



81.6780, -15.1243, -2.3486

Square

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



87.4010, 8.6763, 17.1883



85.1420, -15.3530, 24.4315



78.9300, -7.3605, -19.2326



73.2080, 21.0965, -46.6634

Rectangle

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



87.4010, 8.6763, 17.1883



86.2920, -6.0600, 30.4389



78.9300, -7.3605, -19.2326



69.6990, 12.9664, -52.3560

Sweetspot

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



87.4010, 8.6763, 17.1883



132.8420, 3.0359, 6.2776



78.3600, 14.1195, -2.0697



66.8910, 2.0257, 3.6036



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



87.4010, 8.6763, 17.1883



109.1340, 13.7379, 27.0695



85.5770, 1.6875, 18.7880



50.3640, 1.2995, 3.1888



47.5230, 30.8012, 60.9313



99.4750, 64.3488, 127.6254

Inverse Universe

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



87.4010, 8.6763, 17.1883



109.1340, 13.7379, 27.0695



95.4230, -1.6875, -18.7880



50.3640, 1.2995, 3.1888



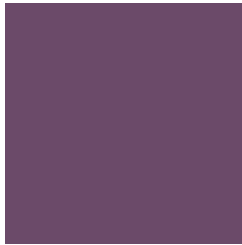
47.5230, 30.8012, 60.9313



99.4750, 64.3488, 127.6254

Previews

White Background



This preview shows how the YUV color 87.4010, 8.6763, 17.1883 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



This preview shows how the YUV color 87.4010, 8.6763, 17.1883 looks on a 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 87.4010, 8.6763, 17.1883

Background



This preview shows how black text looks on a background with the YUV color 87.4010, 8.6763, 17.1883.



This preview shows how white text looks on a background with the YUV color 87.4010, 8.6763,

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

87.4010, 8.6763, 17.1883

Protanopia

85.0990, 13.2622, -7.1028

Deuteranopia

85.5790, 8.5886, -1.3848



Tritanopia

86.4580, -1.2118, 15.3843

Trichromacy



Original Color

87.4010, 8.6763, 17.1883

Protanomaly

85.6980, 11.4879, 2.0189

Deuteranomaly

86.3240, 8.7143, 4.9779

Tritanomaly

87.0820, 2.4246, 15.7141

Monochromacy



Original Color

87.4010, 8.6763, 17.1883

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4010, 8.6763, 17.1883 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(107, 74, 105)` looks like.

```
.text, #text, p{  
    color:rgb(107, 74, 105)  
}
```

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(107, 74, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 74, 105) }
```

Border

The CSS property to change the border of an element to YUV 87.4010, 8.6763, 17.1883 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(107, 74, 105) }
```


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

```
.border{ border-color:rgb(107, 74, 105) }
```

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

Here you see how a box with a 4 pixel rgb(107, 74, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 74, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 74, 105);  
box-shadow:4px 4px 4px 4px rgb(107, 74,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 87.4010, 8.6763, 17.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 74, 105) }
```

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

```
.background{ background-color: rgb(107, 74,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor