

Converting Colors

YUV(87.1780, -9.9478, 17.3839)

Have a look what the booklet for
YUV(87.1780, -9.9478, 17.3839)
contains.

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Color

**YUV(87.1780, -9.9478,
17.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5143
RGB	107, 81, 67
RGB Percent	42%, 32%, 26%
CMY	0.5804, 0.6824, 0.7373
CMYK	0.00, 0.24, 0.37, 0.58
HSL	21°, 23%, 34%
HSV	21°, 37%, 42%
XYZ	10.0190, 9.4159, 6.5996
YIQ	87.1780, 19.9900, 1.1580

Conversions

Conversions Part 2

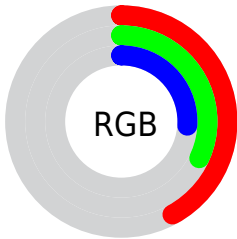
Format	Color
R_{YB}	107, 89, 67
Decimal	7033155
CIE Lab	36.77, 8.72, 12.43
CIE LCh	37, 15.181, 54.934
Yxy	9.4159, 0.3848, 0.3617
Android (android.graphics.Color)	4285223235 (0xFF6B5143)
YUV	87.1780, -9.9478, 17.3839
Hunter-Lab	30.6853, 4.5820, 8.7281

Details

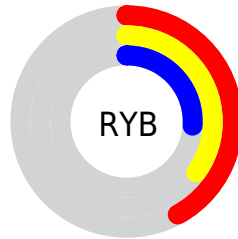
The YUV color **87.1780, -9.9478, 17.3839** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.8220, 9.9478, -17.3839**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9610, -10.8268, 19.3282**, and **41.2100, -8.4845, 14.7248** is the 20% darker color. If you saturate the color by 10%, you get **81.8150, -12.7268, 22.0872**, and if you desaturate by 10%, it is **92.5410, -7.1687, 12.6805**.

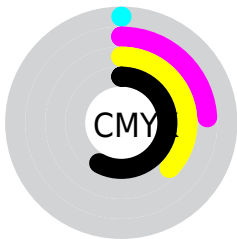
Distribution



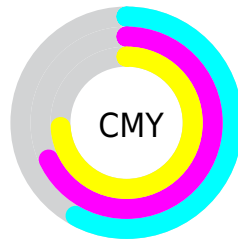
- Red (42%)
- Green (32%)
- Blue (26%)



- Red (42%)
- Yellow (35%)
- Blue (26%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1780, -9.9478, 17.3839 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 87.1780, -9.9478, 17.3839 by changing the saturation by 10% instead.

■ 87.1780, -9.9478,
17.3839

■ 87.1780, -9.9478,
17.3839

■ 255.0000, 0.0000,
0.0000

■ 63.6940, -9.2161,
16.0544

■ 136.9610,
-10.8268, 19.3282

■ 41.2100, -8.4845,
14.7248

■ 163.5590,
-11.1216, 20.5578

■ 20.4550, -10.0843,
14.5100

■ 190.7440,
-11.7058, 21.2725

■ 0.0000, 0.0000,
0.0000

■ 218.6300,
-12.1426, 21.3725

■ 241.8460, -9.7841,
11.5361

■ 254.5440, -1.7472,

0.3999

■ 87.1780, -9.9478,
17.3839

■ 87.1780, -9.9478,
17.3839

■ 81.8150, -12.7268,
22.0872

■ 92.5410, -7.1687,
12.6805

■ 76.5660, -15.0690,
26.6906

■ 97.7900, -4.8265,
8.0772

■ 71.2030, -17.8481,
31.3940

■ 103.1530, -2.0474,
3.3738

■ 65.8400, -20.6271,
36.0973

■ 108.5160, 0.7316,
-1.3295

■ 60.4770, -23.4062,
40.8007

■ 113.8790, 3.5107,
-6.0329

■ 55.2280, -25.7484,
45.4040

■ 119.1280, 5.8529,
-10.6363

■ 53.7120, -26.4800,
46.7336

■ 124.4910, 8.6319,
-15.3396

■ 129.8540, 11.4110,
-20.0430

■ 135.1030, 13.7532,
-24.6463

Harmonies

Analogous

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



87.7530, -5.3012, 20.3876



87.1780, -9.9478, 17.3839



85.9660, -11.8152, 9.6768

Triad

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



87.1780, -9.9478, 17.3839



81.5090, 1.2281, -20.6174



87.4480, 10.6251, -1.2699

Complementary

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



87.1780, -9.9478, 17.3839



86.8220, 9.9478, -17.3839

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.



84.9410, 12.8471, -13.9803



87.1780, -9.9478, 17.3839



80.7840, 7.5015, -26.1206

Square

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



87.1780, -9.9478, 17.3839



83.4410, -5.6404, -10.9108



81.9460, 11.8586, -23.6316



88.3740, 6.2246, 10.1960

Rectangle

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



87.1780, -9.9478, 17.3839



85.4490, -11.0674, 3.1142



81.9460, 11.8586, -23.6316



86.9420, 11.3676, -6.0881

Sweetspot

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



87.1780, -9.9478, 17.3839



132.4200, -3.6581, 6.6477



81.9240, 5.4605, 21.9917



66.4520, -2.1948, 3.9886



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.



87.1780, -9.9478, 17.3839



108.7510, -15.6532, 27.4054



98.3310, -15.4462, 7.6027



50.9680, -1.4632, 2.6591



59.0500, -29.1116, 50.8222



123.7370, -61.0023, 106.3477

Inverse Universe

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



86.8220, 9.9478, -17.3839



108.2490, 15.6532, -27.4054



75.0820, 15.7356, -7.0879



51.0320, 1.4632, -2.6591



57.9500, 29.1117, -50.8221



121.2630, 61.0023, -106.3477

Previews

White Background



This preview shows how the YUV color 87.1780, -9.9478, 17.3839 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 87.1780, -9.9478, 17.3839 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 87.1780, -9.9478, 17.3839

Background



This preview shows how black text looks on a background with the YUV color 87.1780, -9.9478, 17.3839.

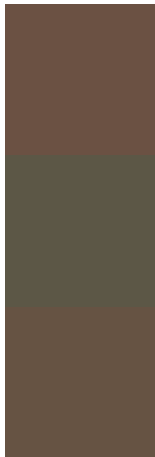


This preview shows how white text looks on a background with the YUV color 87.1780, -9.9478,

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

87.1780, -9.9478, 17.3839

Protanopia

86.5570, -8.1626, 4.7735

Deuteranopia

86.8570, -9.7895, 13.2804



Tritanopia

88.6540, -1.8014, 17.8434

Trichromacy



Original Color

87.1780, -9.9478, 17.3839

Protanomaly

86.7640, -8.7577, 8.9770

Deuteranomaly

86.8680, -9.7949, 15.0248

Tritanomaly

88.1440, -5.0010, 17.4137

Monochromacy



Original Color

87.1780, -9.9478, 17.3839

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1780, -9.9478, 17.3839 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, 81, 67)` looks like.

```
.text, #text, p{  
    color:rgb(107, 81, 67)  
}
```

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, 81, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 81, 67) }
```

Border

The CSS property to change the border of an element to YUV 87.1780, -9.9478, 17.3839 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, 81, 67) }
```


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

```
.border{ border-color:rgb(107, 81, 67) }
```

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

Here you see how a box with a 4 pixel rgb(107, 81, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 81, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 81, 67);  
box-shadow:4px 4px 4px 4px rgb(107, 81,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 87.1780, -9.9478, 17.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 81, 67) }
```

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

```
.background{ background-color: rgb(107, 81,  
67) }
```

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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