

Converting Colors

YUV(108.0640, -10.3846,
17.4839)

Have a look what the booklet for
YUV(108.0640, -10.3846, 17.4839)
contains.

YUV(108.0640, -10.3846, 17.4839)	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(108.0640, -10.3846,
17.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	806657
RGB	128, 102, 87
RGB Percent	50%, 40%, 34%
CMY	0.4980, 0.6000, 0.6588
CMYK	0.00, 0.20, 0.32, 0.50
HSL	22°, 19%, 42%
HSV	22°, 32%, 50%
XYZ	15.3738, 14.7801, 11.0594
YIQ	108.0640, 20.3110, 0.8470

Conversions

Conversions Part 2

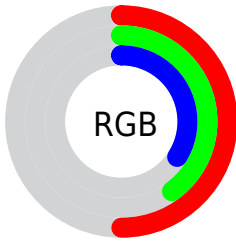
Format	Color
R_{YB}	128, 111, 87
Decimal	8414807
CIE _{Lab}	45.33, 8.07, 12.43
CIE _{LCh}	45, 14.817, 57.012
Yxy	14.7801, 0.3730, 0.3586
Android (android.graphics.Color)	4286604887 (0xFF806657)
YUV	108.0640, -10.3846, 17.4839
Hunter-Lab	38.4448, 4.1021, 9.8555

Details

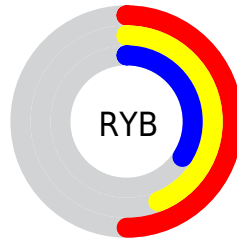
The YUV color **108.0640, -10.3846, 17.4839** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.9360, 10.3846, -17.4839**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8470, -11.2636, 19.4282**, and **60.3950, -9.0687, 15.4396** is the 20% darker color. If you saturate the color by 10%, you get **101.8860, -13.7478, 22.9020**, and if you desaturate by 10%, it is **114.2420, -7.0213, 12.0658**.

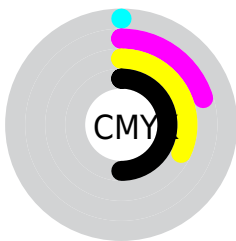
Distribution



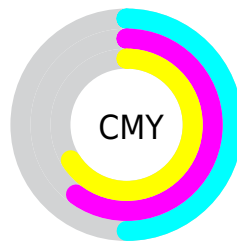
- Red (50%)
- Green (40%)
- Blue (34%)



- Red (50%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0640, -10.3846, 17.4839 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 108.0640, -10.3846, 17.4839 by changing the saturation by 10% instead.

■ 108.0640,
-10.3846, 17.4839

■ 108.0640,
-10.3846, 17.4839

■ 255.0000, 0.0000,
0.0000

■ 83.5800, -9.6529,
16.1543

■ 159.8470,
-11.2636, 19.4282

■ 60.3950, -9.0687,
15.4396

■ 186.7330,
-11.7004, 19.5282

■ 38.4980, -8.6265,
13.5953

■ 214.3310,
-11.9952, 20.7577

■ 16.9110, -8.3371,
14.1101

■ 239.6290,
-10.6631, 13.4804

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,
0.7998

■ 108.0640,
-10.3846, 17.4839

■ 108.0640,
-10.3846, 17.4839

■ 101.8860,
-13.7478, 22.9020

■ 114.2420, -7.0213,
12.0658

■ 95.7080, -17.1110,
28.3201

■ 120.4200, -3.6581,
6.6477

■ 89.6440, -20.0375,
33.6382

■ 126.4840, -0.7316,
1.3295

■ 83.4660, -23.4007,
39.0563

■ 132.6620, 2.6316,
-4.0886

■ 76.7010, -26.4746,
44.9892

■ 139.4270, 5.7055,
-10.0215

■ 70.5230, -29.8378,
50.4073

■ 145.6050, 9.0687,
-15.4396

■ 65.8610, -32.4695,
54.4959

■ 151.7830, 12.4320,
-20.8577

■ 157.8470, 15.3584,

-26.1758

■ 164.0250, 18.7217,
-31.5939

Harmonies

Analogous

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



108.9380, -5.8854, 21.1024



108.0640, -10.3846, 17.4839



106.9660, -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.



108.0640, -10.3846, 17.4839



102.6230, 1.6649, -20.7174



108.6330, 10.0409, -0.5551

Complementary

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



108.0640, -10.3846, 17.4839



106.9360, 10.3846, -17.4839

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.



106.2400, 12.6997, -13.3655



108.0640, -10.3846, 17.4839



102.1970, 7.7909, -25.6058

Square

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



108.0640, -10.3846, 17.4839



104.1420, -5.4930, -11.5255



103.6580, 12.0006, -22.5021



109.5590, 5.6404, 10.9108

Rectangle

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



108.0640, -10.3846, 17.4839



106.1500, -10.9200, 2.4994



103.6580, 12.0006, -22.5021



107.6540, 11.5096, -4.9586

Sweetspot

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



108.0640, -10.3846, 17.4839



157.6050, -4.2423, 7.3624



102.3370, 5.7499, 22.5065



79.3380, -2.6316, 4.0886



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



108.0640, -10.3846, 17.4839



135.3380, -15.9426, 26.8906



119.8040, -16.1724, 7.1879



60.8540, -1.9000, 2.7590



65.8610, -32.4695, 54.4959



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.9360, 10.3846, -17.4839



133.6620, 15.9426, -26.8906



95.1960, 16.1724, -7.1879



60.1460, 1.9000, -2.7590



62.1390, 32.4695, -54.4959



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 108.0640, -10.3846, 17.4839 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 108.0640, -10.3846, 17.4839 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 108.0640, -10.3846, 17.4839

Background



This preview shows how black text looks on a background with the YUV color 108.0640, -10.3846, 17.4839.



This preview shows how white text looks on a background with the YUV color 108.0640, -10.3846, 17.4839.

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

108.0640, -10.3846, 17.4839

Protanopia

106.8560, -8.3100, 5.3883

Deuteranopia

107.7540, -10.2317, 15.1247



Tritanopia

109.1810, -1.0752, 18.2583

Trichromacy



Original Color

108.0640, -10.3846, 17.4839

Protanomaly

107.0630, -8.9051, 9.5917

Deuteranomaly

108.0530, -10.3791, 15.7395

Tritanomaly

108.6710, -4.2748, 17.8285

Monochromacy



Original Color

108.0640, -10.3846, 17.4839

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0640, -10.3846, 17.4839 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(128, 102, 87)` looks like.

```
.text, #text, p{  
    color:rgb(128, 102, 87)  
}
```

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(128, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 102, 87) }
```

Border

The CSS property to change the border of an element to YUV 108.0640, -10.3846, 17.4839 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(128, 102, 87) }
```


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

```
.border{ border-color:rgb(128, 102, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 102, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(128, 102,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 108.0640, -10.3846, 17.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 102, 87) }
```

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

```
.background{ background-color: rgb(128,  
102, 87) }
```

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