

Converting Colors

YUV(109.1360, 3.8770, 16.5437)

Have a look what the booklet for
YUV(109.1360, 3.8770, 16.5437)
contains.

YUV(109.1360, 3.8770, 16.5437)	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(109.1360, 3.8770,
16.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	806275
RGB	128, 98, 117
RGB Percent	50%, 38%, 46%
CMY	0.4980, 0.6157, 0.5412
CMYK	0.00, 0.23, 0.09, 0.50
HSL	322°, 13%, 44%
HSV	322°, 23%, 50%
XYZ	16.4807, 14.6089, 18.7808
YIQ	109.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

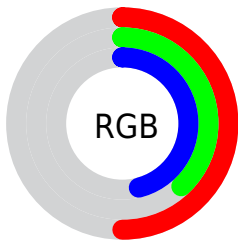
Format	Color
R_{YB}	128, 98, 117
Decimal	8413813
CIE _{Lab}	45.09, 15.48, -6.00
CIE _{LCh}	45, 16.600, 338.824
Yxy	14.6089, 0.3305, 0.2929
Android (android.graphics.Color)	4286603893 (0xFF806275)
YUV	109.1360, 3.8770, 16.5437
Hunter-Lab	38.2216, 10.0790, -2.3780

Details

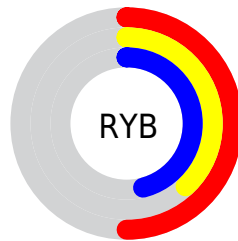
The YUV color **109.1360, 3.8770, 16.5437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.8640, -3.8770, -16.5437**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8480, 4.0189, 17.6733**, and **61.1250, 3.8824, 14.7994** is the 20% darker color. If you saturate the color by 10%, you get **100.9350, 5.4550, 23.7360**, and if you desaturate by 10%, it is **117.3370, 2.2989, 9.3515**.

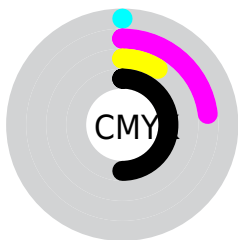
Distribution



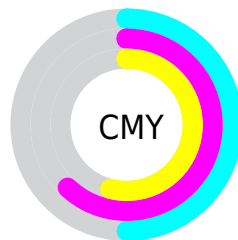
- Red (50%)
- Green (38%)
- Blue (46%)



- Red (50%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (50%)





- Cyan (50%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1360, 3.8770, 16.5437 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 109.1360, 3.8770, 16.5437 by changing the saturation by 10% instead.

 109.1360, 3.8770,
16.5437


 109.1360, 3.8770,
16.5437


255.0000, 0.0000,
0.0000

 84.7230, 3.5876,
16.0289

 160.8480, 4.0189,
17.6733

 61.1250, 3.8824,
14.7994

 188.1470, 3.8715,
18.2881

 39.4130, 3.7404,
13.6698

 215.5600, 4.1609,
18.8029

 17.2390, 4.3192,
14.6994

 240.6840, 6.0718,
12.5551

 0.0000, 0.0000,
0.0000

 109.1360, 3.8770,

 109.1360, 3.8770,

16.5437

16.5437

■ 100.9350, 5.4550,
23.7360

■ 117.3370, 2.2989,
9.3515

■ 92.8480, 7.4699,
30.8283

■ 125.4240, 0.2840,
2.2592

■ 85.2340, 8.7586,
37.5058

■ 133.0380, -1.0047,
-4.4183

■ 77.0330, 10.3367,
44.6981

■ 141.2390, -2.5828,
-11.6106

■ 68.9460, 12.3516,
51.7904

■ 149.3260, -4.5977,
-18.7029

■ 60.7450, 13.9297,
58.9826


■ 157.5270, -6.1758,
-25.8952

■ 52.5440, 15.5078,
66.1749

■ 165.7280, -7.7539,
-33.0875

■ 47.5060, 16.5125,
70.5932

■ 173.3420, -9.0426,
-39.7649

 181.4290,
-11.0575, -46.8572

Harmonies

Analogous

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



108.5520, 9.5879, 4.7779



109.1360, 3.8770, 16.5437



109.0460, -2.9807, 22.7617

Triad

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



109.1360, 3.8770, 16.5437



105.6020, -13.1148, 6.4880



101.3860, 11.1487, -29.2795

Complementary

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



109.1360, 3.8770, 16.5437



116.8640, -3.8770, -16.5437

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.



100.9750, 4.4493, -27.1651



109.1360, 3.8770, 16.5437



103.8500, -9.2930, -6.0074

Square

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



109.1360, 3.8770, 16.5437



106.7820, -12.7105, 16.8542



102.3800, -3.1453, -17.8733



103.5270, 14.0372, -22.3872

Rectangle

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



109.1360, 3.8770, 16.5437



108.6070, -7.2013, 23.1467



102.3800, -3.1453, -17.8733



100.6310, 9.5489, -29.4944

Sweetspot

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



109.1360, 3.8770, 16.5437



158.3860, 1.2887, 6.6775



104.7090, 11.4825, 3.7632



79.6630, 1.1521, 3.8035



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.



109.1360, 3.8770, 16.5437



136.4730, 6.1758, 25.8952



107.4260, -2.6750, 18.0434



59.5490, 0.7153, 3.9035



47.5060, 16.5125, 70.5932



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.1360, 3.8770, 16.5437



136.4730, 6.1758, 25.8952



118.5740, 2.6750, -18.0434



59.5490, 0.7153, 3.9035



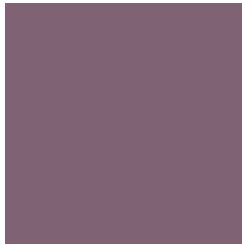
47.5060, 16.5125, 70.5932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.1360, 3.8770, 16.5437 looks on a white background.

Color Contrast Check

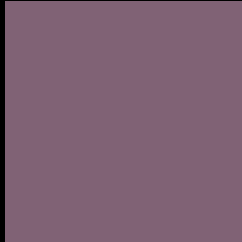
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.1360, 3.8770, 16.5437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

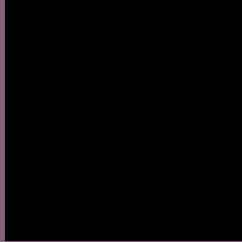
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.1360, 3.8770, 16.5437

Background



This preview shows how black text looks on a background with the YUV color 109.1360, 3.8770, 16.5437.



This preview shows how white text looks on a background with the YUV color 109.1360, 3.8770,

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

109.1360, 3.8770, 16.5437

Protanopia

107.2260, 7.2836, -2.8292

Deuteranopia

108.0590, 3.9149, 4.3333



Tritanopia

108.8710, -0.9224, 15.8991

Trichromacy



Original Color

109.1360, 3.8770, 16.5437

Protanomaly

107.9280, 5.9515, 4.4481

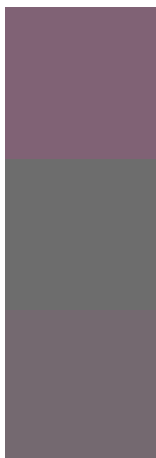
Deuteranomaly

108.3800, 3.7567, 8.4367

Tritanomaly

108.7400, 1.1142, 16.0140

Monochromacy



Original Color

109.1360, 3.8770, 16.5437

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1360, 3.8770, 16.5437 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, 98, 117)` looks like.

```
.text, #text, p{  
    color:rgb(128, 98, 117)  
}
```

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, 98, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 98, 117) }
```

Border

The CSS property to change the border of an element to YUV 109.1360, 3.8770, 16.5437 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, 98, 117) }
```


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

```
.border{ border-color:rgb(128, 98, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 98, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 98, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 98, 117); box-shadow:4px 4px 4px 4px rgb(128, 98, 117) }
```

Background

The CSS property to change the background color of an element to YUV 109.1360, 3.8770, 16.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 98, 117) }
```

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

```
.background{ background-color: rgb(128, 98,  
117) }
```

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