

Converting Colors

YUV(108.4440, 17.0361,
42.5836)

Have a look what the booklet for
YUV(108.4440, 17.0361, 42.5836)
contains.

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Color

**YUV(108.4440, 17.0361,
42.5836)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9D4D8F |
| RGB | 157, 77, 143 |
| RGB Percent | 62%, 30%, 56% |
| CMY | 0.3843, 0.6980, 0.4392 |
| CMYK | 0.00, 0.51, 0.09, 0.38 |
| HSL | 310°, 34%, 46% |
| HSV | 310°, 51%, 62% |
| XYZ | 21.5164, 14.4590, 27.6434 |
| YIQ | 108.4440, 26.4940, 37.4860 |

Conversions

Conversions Part 2

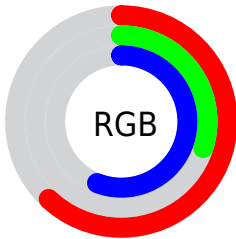
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 157, 77, 143 |
| Decimal | 10309007 |
| CIE Lab | 44.88, 42.30, -21.67 |
| CIE LCh | 45, 47.525, 332.875 |
| Yxy | 14.4590, 0.3382, 0.2273 |
| Android (android.graphics.Color) | 4288499087 (0xFF9D4D8F) |
| YUV | 108.4440, 17.0361, 42.5836 |
| Hunter-Lab | 38.0250, 34.4603, -16.4851 |

Details

The YUV color **108.4440, 17.0361, 42.5836** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.5560, -17.0361, -42.5836**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8680, 17.3201, 44.8428**, and **55.9600, 17.7677, 41.2541** is the 20% darker color. If you saturate the color by 10%, you get **98.7100, 20.3560, 51.1203**, and if you desaturate by 10%, it is **118.1780, 13.7162, 34.0469**.

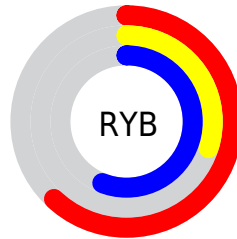
Distribution



Red (62%)

Green (30%)

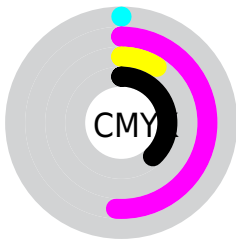
Blue (56%)



Red (62%)

Yellow (30%)

Blue (56%)

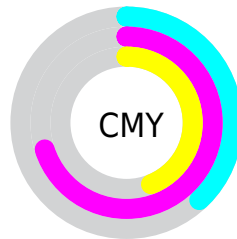


Cyan (0%)

Magenta (51%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4440, 17.0361, 42.5836 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 108.4440, 17.0361, 42.5836 by changing the saturation by 10% instead.

108.4440, 17.0361,
42.5836

108.4440, 17.0361,
42.5836

255.0000, 0.0000,
0.0000

82.7320, 16.8941,
41.4540

161.8680, 17.3201,
44.8428

55.9600, 17.7677,
41.2541

189.5800, 17.4621,
45.9723

31.1880, 18.6413,
41.0541

212.6220, 20.3994,
37.1655

21.0910, 12.2801,
27.9842

229.7590, 12.4438,
22.1364

11.2220, 6.7926,
14.7143

246.1950, 4.3409,
7.7220

0.0000, 0.0000,
0.0000

108.4440, 17.0361,
42.5836

108.4440, 17.0361,
42.5836

98.7100, 20.3560,
51.1203

118.1780, 13.7162,
34.0469

89.6770, 23.8232,
59.0423

127.2110, 10.2490,
26.1250

79.9430, 27.1431,
67.5790

136.9450, 6.9291,
17.5882

70.2090, 30.4630,
76.1157

146.6790, 3.6093,
9.0515

61.7630, 33.6408,
83.5228


155.8260, 0.5788,
1.0296

165.4460, -3.1779,
-7.4071

175.1800, -6.4977,
-15.9439

184.9140, -9.8176,

-24.4806

 194.0610,
-12.8481, -32.5025

Harmonies

Analogous

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



108.3880, 31.8537, 3.1677



108.4440, 17.0361, 42.5836



104.6950, -0.3426, 63.4115

Triad

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



108.4440, 17.0361, 42.5836



100.8230, -41.8177, 19.4492



89.6600, 28.7616, -78.6318

Complementary

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



108.4440, 17.0361, 42.5836



125.5560, -17.0361, -42.5836

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.



85.8010, 11.4371, -75.2475



108.4440, 17.0361, 42.5836



96.7850, -30.9530, -12.0894

Square

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



108.4440, 17.0361, 42.5836



103.6380, -34.3315, 45.0445



80.5620, -6.1931, -67.1449



90.5040, 42.1495, -79.3720

Rectangle

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



108.4440, 17.0361, 42.5836



103.4920, -12.5676, 64.4665



80.5620, -6.1931, -67.1449



88.8790, 23.2307, -77.9469

Sweetspot

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



108.4440, 17.0361, 42.5836



185.2330, 6.7871, 16.4587



90.0070, 33.0275, -0.0061



91.0920, 3.8986, 9.5663



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



108.4440, 17.0361, 42.5836



128.7040, 26.2749, 66.0346



103.9980, 0.0010, 46.4828



74.1900, 1.8783, 4.2184



56.2090, 30.4630, 76.1157



5.9670, 3.4673, 7.9219

Inverse Universe

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



108.4440, 17.0361, 42.5836



128.7040, 26.2749, 66.0346



130.0020, -0.0010, -46.4828



74.1900, 1.8783, 4.2184



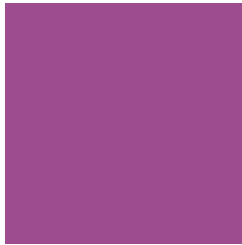
56.2090, 30.4630, 76.1157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 108.4440, 17.0361, 42.5836 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 108.4440, 17.0361, 42.5836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

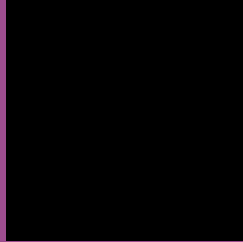
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.4440, 17.0361, 42.5836

Background



This preview shows how black text looks on a background with the YUV color 108.4440, 17.0361, 42.5836.



This preview shows how white text looks on a background with the YUV color 108.4440, 17.0361,

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

108.4440, 17.0361, 42.5836

Protanopia

105.8600, 29.1560, -18.2942

Deuteranopia

107.2670, 15.1514, -6.3732



Tritanopia

107.9340, -6.3765, 38.6459

Trichromacy



Original Color

108.4440, 17.0361, 42.5836

Protanomaly

106.8520, 24.7230, 3.6378

Deuteranomaly

107.9040, 15.8233, 11.4852

Tritanomaly

108.1220, 1.9119, 40.2350

Monochromacy



Original Color

108.4440, 17.0361, 42.5836

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.4070, 6.2083, 15.4291

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4440, 17.0361, 42.5836 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(157, 77, 143)` looks like.

```
.text, #text, p{  
  color:rgb(157, 77, 143)  
}
```

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(157, 77, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 77, 143) }
```

Border

The CSS property to change the border of an element to YUV 108.4440, 17.0361, 42.5836 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(157, 77, 143) }
```


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

```
.border{ border-color:rgb(157, 77, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 77, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 77, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 77, 143);  
box-shadow:4px 4px 4px 4px rgb(157, 77,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 108.4440, 17.0361, 42.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 77, 143) }
```

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

```
.background{ background-color: rgb(157, 77,  
143) }
```

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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