

Converting Colors

YUV(108.7070, 4.5814, 23.9360)

Have a look what the booklet for
YUV(108.7070, 4.5814, 23.9360)
contains.

YUV(108.7070, 4.5814, 23.9360)	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(108.7070, 4.5814,
23.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	885D76
RGB	136, 93, 118
RGB Percent	53%, 36%, 46%
CMY	0.4667, 0.6353, 0.5373
CMYK	0.00, 0.32, 0.13, 0.47
HSL	325°, 19%, 45%
HSV	325°, 32%, 53%
XYZ	17.3377, 14.3709, 18.9996
YIQ	108.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

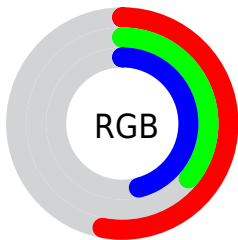
Format	Color
R_{YB}	136, 93, 118
Decimal	8936822
CIE _{Lab}	44.76, 21.67, -7.00
CIE _{LCh}	45, 22.772, 342.092
Yxy	14.3709, 0.3419, 0.2834
Android (android.graphics.Color)	4287126902 (0xFF885D76)
YUV	108.7070, 4.5814, 23.9360
Hunter-Lab	37.9090, 15.2962, -3.1792

Details

The YUV color **108.7070, 4.5814, 23.9360** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.2930, -4.5814, -23.9360**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7180, 4.5760, 25.6803**, and **60.3970, 4.7343, 21.5768** is the 20% darker color. If you saturate the color by 10%, you get **99.8050, 6.0121, 31.7430**, and if you desaturate by 10%, it is **117.6090, 3.1508, 16.1289**.

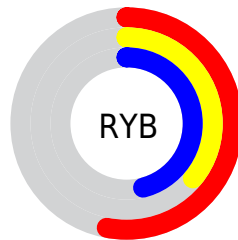
Distribution



Red (53%)

Green (36%)

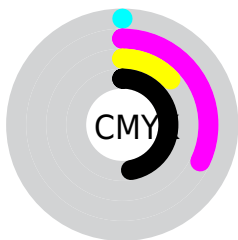
Blue (46%)



Red (53%)

Yellow (36%)

Blue (46%)

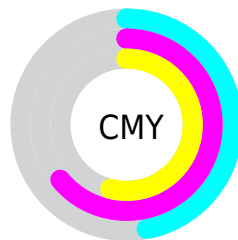


Cyan (0%)

Magenta (32%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7070, 4.5814, 23.9360 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 108.7070, 4.5814, 23.9360 by changing the saturation by 10% instead.

■ 108.7070, 4.5814,
23.9360

■ 108.7070, 4.5814,
23.9360

■ 255.0000, 0.0000,
0.0000

■ 83.9950, 4.4395,
22.8064

■ 160.7180, 4.5760,
25.6803

■ 60.3970, 4.7343,
21.5768

■ 188.0170, 4.4286,
26.2951

■ 37.6850, 4.5923,
20.4473

■ 215.7290, 4.5706,
27.4247

■ 15.3260, 5.7553,
20.7621

■ 237.8630, 7.9555,
15.0291

■ 0.0000, 0.0000,
0.0000

■ 108.7070, 4.5814,

■ 108.7070, 4.5814,

23.9360

23.9360

■ 99.8050, 6.0121,
31.7430

■ 117.6090, 3.1508,
16.1289

■ 91.6040, 7.5902,
38.9353

■ 125.8100, 1.5727,
8.9366

■ 82.7020, 9.0209,
46.7423

■ 134.7120, 0.1420,
1.1296

■ 74.3870, 10.1622,
54.0346

■ 143.0270, -0.9993,
-6.1627

■ 65.5990, 12.0297,
61.7417

■ 151.8150, -2.8668,
-13.8698

■ 56.6970, 13.4604,
69.5487

■ 160.7170, -4.2975,
-21.6768

■ 49.6700, 14.4597,
75.7114

■ 169.0320, -5.4388,
-28.9691

■ 177.9340, -6.8695,
-36.7761

 186.1350, -8.4476,
-43.9684

Harmonies

Analogous

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



108.0840, 12.7766, 8.6963



108.7070, 4.5814, 23.9360



108.0470, -4.4602, 30.6538

Triad

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



108.7070, 4.5814, 23.9360



103.7500, -17.6247, 6.3583



95.2960, 17.6021, -45.8636

Complementary

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



108.7070, 4.5814, 23.9360



120.2930, -4.5814, -23.9360

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.



95.0270, 8.8607, -42.1197



108.7070, 4.5814, 23.9360



101.4320, -12.0450, -10.0259

Square

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



108.7070, 4.5814, 23.9360



105.8380, -17.6681, 20.3131



98.5530, -2.2446, -26.7950



100.0680, 20.1795, -32.5086

Rectangle

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



108.7070, 4.5814, 23.9360



107.2660, -9.9911, 31.3387



98.5530, -2.2446, -26.7950



94.6010, 14.9867, -47.0081

Sweetspot

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



108.7070, 4.5814, 23.9360



165.8100, 1.5727, 8.9366



103.2840, 16.1290, 6.7669



82.6740, 1.1467, 5.5479



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



108.7070, 4.5814, 23.9360



133.4790, 7.1589, 37.2909



106.3130, -4.5913, 26.0355



64.5490, 0.7153, 3.9035



48.5450, 14.0283, 74.0670



1.8370, 0.5734, 2.7740

Inverse Universe

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



108.7070, 4.5814, 23.9360



133.4790, 7.1589, 37.2909



122.6870, 4.5913, -26.0355



64.5490, 0.7153, 3.9035



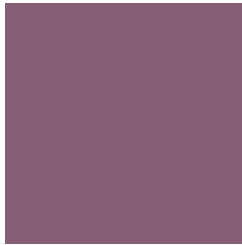
48.5450, 14.0283, 74.0670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 108.7070, 4.5814, 23.9360 looks on a white background.

Color Contrast Check

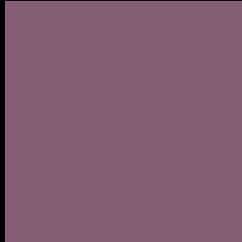
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7070, 4.5814, 23.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

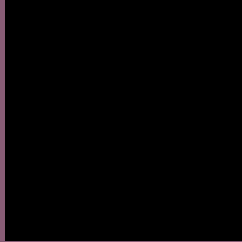
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.7070, 4.5814, 23.9360

Background



This preview shows how black text looks on a background with the YUV color 108.7070, 4.5814, 23.9360.



This preview shows how white text looks on a background with the YUV color 108.7070, 4.5814,

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

108.7070, 4.5814, 23.9360

Protanopia

106.4970, 9.6150, -3.9439

Deuteranopia

107.1730, 4.3517, 4.2333



Tritanopia

108.1600, -2.5439, 22.6617

Trichromacy



Original Color

108.7070, 4.5814, 23.9360

Protanomaly

107.3950, 7.6933, 5.7926

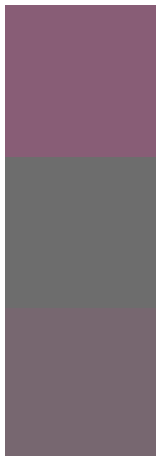
Deuteranomaly

107.6300, 4.6194, 11.7255

Tritanomaly

108.4420, -0.2179, 23.2914

Monochromacy



Original Color

108.7070, 4.5814, 23.9360

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8100, 1.5727, 8.9366

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7070, 4.5814, 23.9360 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(136, 93, 118)` looks like.

```
.text, #text, p{  
    color:rgb(136, 93, 118)  
}
```

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(136, 93, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 93, 118) }
```

Border

The CSS property to change the border of an element to YUV 108.7070, 4.5814, 23.9360 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(136, 93, 118) }
```


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

```
.border{ border-color:rgb(136, 93, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 93, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 93, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 93, 118);  
box-shadow:4px 4px 4px 4px rgb(136, 93,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 108.7070, 4.5814, 23.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 93, 118) }
```

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

```
.background{ background-color: rgb(136, 93,  
118) }
```

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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