

Converting Colors

YUV(109.6060, 14.4912,
18.7625)

Have a look what the booklet for
YUV(109.6060, 14.4912, 18.7625)
contains.

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Color

**YUV(109.6060, 14.4912,
18.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	835D8B
RGB	131, 93, 139
RGB Percent	51%, 36%, 55%
CMY	0.4863, 0.6353, 0.4549
CMYK	0.06, 0.33, 0.00, 0.45
HSL	290°, 20%, 45%
HSV	290°, 33%, 55%
XYZ	17.9346, 14.5181, 26.2831
YIQ	109.6060, 7.8820, 22.3620

Conversions

Conversions Part 2

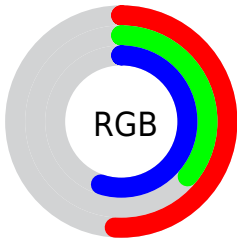
Format	Color
R_{YB}	131, 93, 139
Decimal	8609163
CIE _{Lab}	44.97, 24.00, -19.41
CIE _{LCh}	45, 30.865, 321.026
Yxy	14.5181, 0.3053, 0.2472
Android (android.graphics.Color)	4286799243 (0xFF835D8B)
YUV	109.6060, 14.4912, 18.7625
Hunter-Lab	38.1026, 17.3392, -14.2263

Details

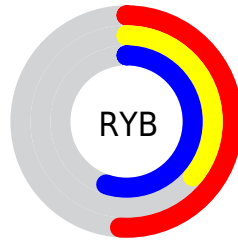
The YUV color **109.6060, 14.4912, 18.7625** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.3940, -14.4912, -18.7625**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8450, 15.3594, 20.3069**, and **61.3670, 13.6231, 17.2181** is the 20% darker color. If you saturate the color by 10%, you get **100.7900, 18.8375, 24.7402**, and if you desaturate by 10%, it is **118.4220, 10.1450, 12.7849**.

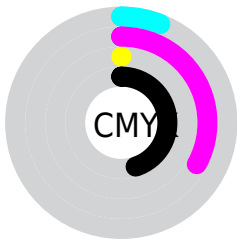
Distribution



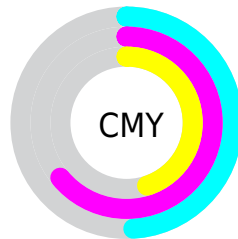
- Red (51%)
- Green (36%)
- Blue (55%)



- Red (51%)
- Yellow (36%)
- Blue (55%)



- Cyan (6%)
- Magenta (33%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6060, 14.4912, 18.7625 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 109.6060, 14.4912, 18.7625 by changing the saturation by 10% instead.

■ 109.6060, 14.4912,
18.7625

■ 109.6060, 14.4912,
18.7625

■ 255.0000, 0.0000,
0.0000

■ 84.7800, 13.9125,
17.7329

■ 161.8450, 15.3594,
20.3069

■ 61.3670, 13.6231,
17.2181

■ 189.2580, 15.6488,
20.8217

■ 38.5410, 13.0443,
16.1885

■ 216.6710, 15.9382,
21.3365

■ 15.9540, 13.3337,
16.7033

■ 237.9770, 8.3923,
14.9292

■ 2.5080, 9.6096,
-2.1995

■ 0.0000, 0.0000,
0.0000

109.6060, 14.4912,
18.7625

109.6060, 14.4912,
18.7625

100.7900, 18.8375,
24.7402

118.4220, 10.1450,
12.7849

91.6750, 23.3312,
30.1030

127.5370, 5.6513,
7.4221

82.8590, 27.6775,
36.0807

136.3530, 1.3050,
1.4444

73.7440, 32.1712,
41.4435

145.4680, -3.1887,
-3.9184

64.9280, 36.5175,
47.4211

154.2840, -7.5350,
-9.8961

56.4000, 40.7218,
52.2692


162.8120,
-11.7393, -14.7441

50.2310, 43.7631,
56.8024

171.6280,
-16.0856, -20.7218

180.4440,

-20.4319, -26.6994

 189.5590,
-24.9256, -32.0622

Harmonies

Analogous

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



107.0200, 23.1611, -8.7875



109.6060, 14.4912, 18.7625



108.7410, 3.0857, 37.0611

Triad

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



109.6060, 14.4912, 18.7625



104.7150, -24.5095, 21.2979



84.5760, 19.4360, -74.1732

Complementary

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



109.6060, 14.4912, 18.7625



122.3940, -14.4912, -18.7625

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.



91.7890, 3.0620, -48.9270



109.6060, 14.4912, 18.7625



102.1640, -22.2659, 1.6102

Square

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



109.6060, 14.4912, 18.7625



106.4810, -19.4641, 36.4122



98.8390, -12.7386, -20.9068



85.3230, 29.9138, -74.8283

Rectangle

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



109.6060, 14.4912, 18.7625



108.2980, -5.0769, 41.8347



98.8390, -12.7386, -20.9068



83.5500, 15.5049, -73.2733

Sweetspot

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



109.6060, 14.4912, 18.7625



169.5370, 5.6513, 7.4221



102.9400, 17.7776, -8.7174



84.9450, 3.4781, 4.4332



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



109.6060, 14.4912, 18.7625



134.8490, 22.7524, 29.0734



110.2880, 6.7600, 25.1804



64.5920, 2.1731, 2.9888



48.0520, 41.8794, 54.3284



1.7660, 1.5944, 1.9592

Inverse Universe

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



107.6660, -3.2863, 27.4799



131.8960, -5.3717, 43.0642



121.7120, -6.7600, -25.1804



64.2070, -0.5951, 4.2035



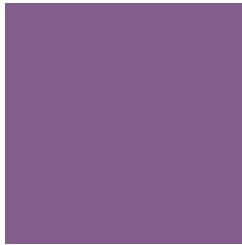
42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 109.6060, 14.4912, 18.7625 looks on a white background.

Color Contrast Check

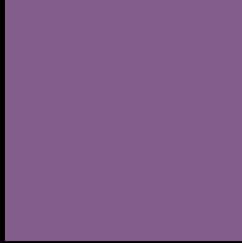
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.6060, 14.4912, 18.7625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

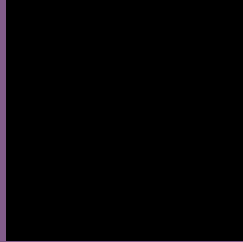
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.6060, 14.4912, 18.7625

Background



This preview shows how black text looks on a background with the YUV color 109.6060, 14.4912, 18.7625.



This preview shows how white text looks on a background with the YUV color 109.6060, 14.4912,

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

109.6060, 14.4912, 18.7625

Protanopia

106.6130, 20.4038, -11.0616

Deuteranopia

107.4520, 14.5672, -5.6584



Tritanopia

107.9850, -0.4856, 15.7992

Trichromacy



Original Color

109.6060, 14.4912, 18.7625

Protanomaly

107.8100, 18.3347, -0.7104

Deuteranomaly

108.5070, 14.5400, 3.0634

Tritanomaly

108.7770, 5.0399, 16.8586

Monochromacy



Original Color

109.6060, 14.4912, 18.7625

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1240, 5.3619, 6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6060, 14.4912, 18.7625 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(131, 93, 139)` looks like.

```
.text, #text, p{  
    color:rgb(131, 93, 139)  
}
```

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(131, 93, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 93, 139) }
```

Border

The CSS property to change the border of an element to YUV 109.6060, 14.4912, 18.7625 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(131, 93, 139) }
```


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

```
.border{ border-color:rgb(131, 93, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 93, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 93, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 93, 139);  
box-shadow:4px 4px 4px 4px rgb(131, 93,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 109.6060, 14.4912, 18.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 93, 139) }
```

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

```
.background{ background-color: rgb(131, 93,  
139) }
```

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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