

Converting Colors

YUV(106.6860, 19.8748,
18.6924)

Have a look what the booklet for
YUV(106.6860, 19.8748, 18.6924)
contains.

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Color

**YUV(106.6860, 19.8748,
18.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	805893
RGB	128, 88, 147
RGB Percent	50%, 35%, 58%
CMY	0.4980, 0.6549, 0.4235
CMYK	0.13, 0.40, 0.00, 0.42
HSL	281°, 25%, 46%
HSV	281°, 40%, 58%
XYZ	17.6583, 13.6752, 29.3127
YIQ	106.6860, 4.9010, 26.8290

Conversions

Conversions Part 2

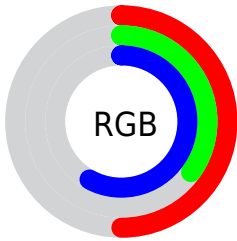
Format	Color
R _{YB}	128, 88, 147
Decimal	8411283
CIE _{Lab}	43.76, 27.70, -26.10
CIE _{LCh}	44, 38.060, 316.706
Yxy	13.6752, 0.2912, 0.2255
Android (android.graphics.Color)	4286601363 (0xFF805893)
YUV	106.6860, 19.8748, 18.6924
Hunter-Lab	36.9800, 20.5202, -21.1109

Details

The YUV color **106.6860, 19.8748, 18.6924** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **128.3140, -19.8748, -18.6924**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9250, 20.7430, 20.2368**, and **58.0340, 18.7172, 16.6332** is the 20% darker color. If you saturate the color by 10%, you get **96.3860, 24.9527, 23.3405**, and if you desaturate by 10%, it is **116.9860, 14.7969, 14.0443**.

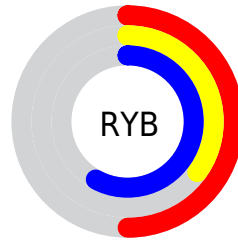
Distribution



Red (50%)

Green (35%)

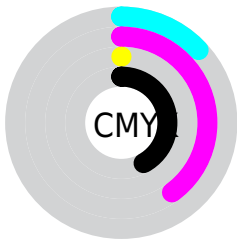
Blue (58%)



Red (50%)

Yellow (35%)

Blue (58%)

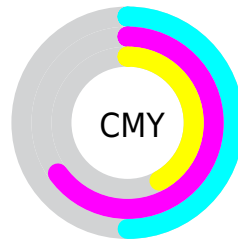


Cyan (13%)

Magenta (40%)

Yellow (0%)

Black (42%)



Cyan (50%)

Magenta (65%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6860, 19.8748, 18.6924 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 106.6860, 19.8748, 18.6924 by changing the saturation by 10% instead.

■ 106.6860, 19.8748,
18.6924

■ 106.6860, 19.8748,
18.6924

■ 255.0000, 0.0000,
0.0000

■ 81.8600, 19.2960,
17.6628

■ 158.9250, 20.7430,
20.2368

■ 58.0340, 18.7172,
16.6332

■ 185.7510, 21.3218,
21.2664

■ 35.2080, 18.1385,
15.6036

■ 213.5230, 20.4482,
21.4663

■ 15.1540, 16.6861,
14.7739

■ 235.0420, 9.8393,
17.5032

■ 3.7790, 11.9410,
-3.3142

■ 251.4780, 1.7363,
3.0888

■ 0.0000, 0.0000,
0.0000

106.6860, 19.8748,
18.6924

106.6860, 19.8748,
18.6924

96.3860, 24.9527,
23.3405

116.9860, 14.7969,
14.0443

86.9720, 29.5938,
28.0886

126.4000, 10.1558,
9.2962

76.6720, 34.6717,
32.7367

136.7000, 5.0779,
4.6481

66.3720, 39.7496,
37.3848

147.0000, 0.0000,
0.0000

56.0720, 44.8275,
42.0329

157.3000, -5.0779,
-4.6481


46.6580, 49.4686,
46.7809

166.7140, -9.7190,
-9.3962

177.0140,
-14.7969, -14.0443

187.3140,

-19.8748, -18.6924

 197.0270,
-24.6633, -22.8257

Harmonies

Analogous

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



102.2020, 30.4664, -18.5942



106.6860, 19.8748, 18.6924



105.3980, 6.7058, 42.6240

Triad

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



106.6860, 19.8748, 18.6924



101.2660, -30.2041, 27.8307



83.6470, 18.4150, -73.3584

Complementary

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



106.6860, 19.8748, 18.6924



128.3140, -19.8748, -18.6924

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.



79.2980, 4.2901, -69.5443



106.6860, 19.8748, 18.6924



98.4650, -28.8232, 4.8542

Square

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



106.6860, 19.8748, 18.6924



102.6670, -21.5278, 45.0190



93.8620, -17.6800, -22.6810



85.6650, 31.2242, -75.1282

Rectangle

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



106.6860, 19.8748, 18.6924



104.2220, -3.0674, 50.6713



93.8620, -17.6800, -22.6810



82.3930, 13.6103, -72.2587

Sweetspot

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



106.6860, 19.8748, 18.6924



175.4060, 7.6878, 7.5369



106.4660, 19.9833, -16.1947



87.5860, 4.6411, 4.7481



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



106.6860, 19.8748, 18.6924



128.3250, 30.8988, 29.5330



111.2270, 12.7061, 31.3729



69.2930, 2.3206, 2.3740



43.5390, 46.5693, 43.3773



3.2330, 3.3361, 3.3037

Inverse Universe

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



107.8070, -0.3979, 34.3723



129.9280, -0.4575, 53.5601



123.7730, -12.7061, -31.3729



69.3210, -0.1583, 4.1035



46.2780, -1.1231, 80.4402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 106.6860, 19.8748, 18.6924 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 106.6860, 19.8748, 18.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

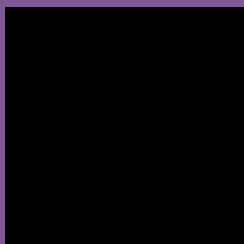
Any Text WCAG AA × Fail

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 106.6860, 19.8748, 18.6924 Background



This preview shows how black text looks on a background with the YUV color 106.6860, 19.8748, 18.6924.



This preview shows how white text looks on a background with the YUV color 106.6860, 19.8748,

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

106.6860, 19.8748, 18.6924

Protanopia

103.0020, 27.1140, -16.6648

Deuteranopia

103.2000, 20.1144, -11.5764



Tritanopia

105.3870, -0.1908, 14.5696

Trichromacy



Original Color

106.6860, 19.8748, 18.6924

Protanomaly

104.3950, 24.4553, -3.8544

Deuteranomaly

104.5650, 19.9345, -0.4955

Tritanomaly

105.9340, 6.9345, 15.8439

Monochromacy



Original Color

106.6860, 19.8748, 18.6924

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9930, 7.3985, 7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6860, 19.8748, 18.6924 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, 88, 147)` looks like.

```
.text, #text, p{  
    color:rgb(128, 88, 147)  
}
```

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, 88, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 88, 147) }
```

Border

The CSS property to change the border of an element to YUV 106.6860, 19.8748, 18.6924 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, 88, 147) }
```


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

```
.border{ border-color:rgb(128, 88, 147) }
```

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

Here you see how a box with a 4 pixel rgb(128, 88, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 88, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 88, 147);  
box-shadow:4px 4px 4px 4px rgb(128, 88,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 106.6860, 19.8748, 18.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 88, 147) }
```

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

```
.background{ background-color: rgb(128, 88,  
147) }
```

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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