

Converting Colors

YUV(106.1010, 13.7542,
21.8364)

Have a look what the booklet for
YUV(106.1010, 13.7542, 21.8364)
contains.

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Color

**YUV(106.1010, 13.7542,
21.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	835886
RGB	131, 88, 134
RGB Percent	51%, 35%, 53%
CMY	0.4863, 0.6549, 0.4745
CMYK	0.02, 0.34, 0.00, 0.47
HSL	296°, 21%, 44%
HSV	296°, 34%, 53%
XYZ	17.1529, 13.5260, 24.2610
YIQ	106.1010, 10.8620, 23.4220

Conversions

Conversions Part 2

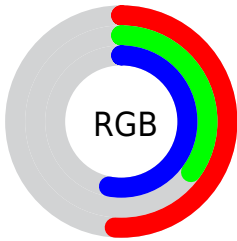
Format	Color
R _Y B	131, 88, 134
Decimal	8607878
CIE Lab	43.55, 25.89, -18.59
CIE LCh	44, 31.873, 324.332
Yxy	13.5260, 0.3122, 0.2462
Android (android.graphics.Color)	4286797958 (0xFF835886)
YUV	106.1010, 13.7542, 21.8364
Hunter-Lab	36.7777, 18.8903, -13.3672

Details

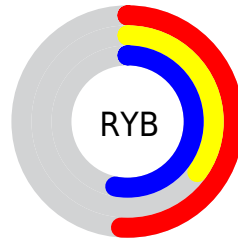
The YUV color **106.1010, 13.7542, 21.8364** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **115.8990, -13.7542, -21.8364**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2260, 14.1856, 23.4808**, and **57.8620, 12.8860, 20.2920** is the 20% darker color. If you saturate the color by 10%, you get **98.1710, 17.6637, 27.9140**, and if you desaturate by 10%, it is **114.0310, 9.8447, 15.7588**.

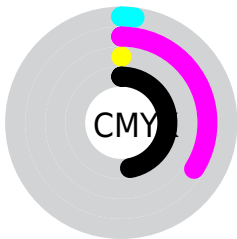
Distribution



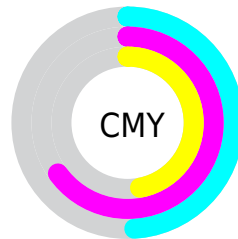
- Red (51%)
- Green (35%)
- Blue (53%)



- Red (51%)
- Yellow (35%)
- Blue (53%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1010, 13.7542, 21.8364 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 106.1010, 13.7542, 21.8364 by changing the saturation by 10% instead.

■ 106.1010, 13.7542,
21.8364

■ 106.1010, 13.7542,
21.8364

■ 255.0000, 0.0000,
0.0000

■ 81.3890, 13.6122,
20.7068

■ 158.2260, 14.1856,
23.4808

■ 57.8620, 12.8860,
20.2920

■ 185.0520, 14.7644,
24.5104

■ 35.1500, 12.7440,
19.1624

■ 213.1660, 15.2012,
24.4104

■ 14.9110, 11.8759,
17.6181

■ 235.0420, 9.8393,
17.5032

■ 2.5250, 7.1362,
-2.2144

■ 251.4780, 1.7363,
3.0888

■ 0.0000, 0.0000,
0.0000

106.1010, 13.7542,
21.8364

106.1010, 13.7542,
21.8364

98.1710, 17.6637,
27.9140

114.0310, 9.8447,
15.7588

89.6540, 21.8626,
34.5064

122.5480, 5.6458,
9.1664

81.7240, 25.7721,
40.5841

130.4780, 1.7363,
3.0888

73.5060, 29.8235,
47.7912

138.6960, -2.3151,
-4.1184

65.5760, 33.7330,
53.8688

146.6260, -6.2246,
-10.1960

57.6460, 37.6425,
59.9465


154.5560,
-10.1341, -16.2736

52.6510, 40.1051,
63.4501

163.0730,
-14.3330, -22.8660

171.0030,

-18.2425, -28.9436

 179.5200,
-22.4414, -35.5360

Harmonies

Analogous

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



104.0420, 23.1503, -5.2988



106.1010, 13.7542, 21.8364



105.1110, 1.9173, 38.4907

Triad

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



106.1010, 13.7542, 21.8364



101.3620, -25.8145, 19.8535



82.2280, 20.5936, -72.1140

Complementary

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



106.1010, 13.7542, 21.8364



115.8990, -13.7542, -21.8364

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.



84.2330, 6.2941, -58.9633



106.1010, 13.7542, 21.8364



98.7400, -22.5498, -0.6490

Square

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



106.1010, 13.7542, 21.8364



102.5410, -20.4797, 35.4825



94.1590, -11.4174, -24.6954



82.8610, 30.6345, -72.6691

Rectangle

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



106.1010, 13.7542, 21.8364



104.2550, -6.5347, 42.7494



94.1590, -11.4174, -24.6954



81.7890, 16.3730, -71.7290

Sweetspot

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



106.1010, 13.7542, 21.8364



162.7220, 5.0671, 8.1368



95.0050, 19.2245, -6.1434



80.2440, 3.3307, 5.0480



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



106.1010, 13.7542, 21.8364



130.1270, 21.1364, 34.0916



104.7180, 4.5760, 25.6803



62.4780, 1.7363, 3.0888



51.2980, 38.8001, 62.0057



0.9400, 1.0156, 0.9296

Inverse Universe

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



102.0960, -5.4703, 27.9798



123.7990, -8.2819, 43.1493



117.2820, -4.5760, -25.6803



61.7940, -0.8844, 3.6887



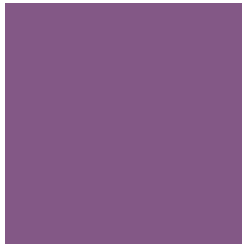
39.7820, -15.6685, 79.1212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 106.1010, 13.7542, 21.8364 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 106.1010, 13.7542, 21.8364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

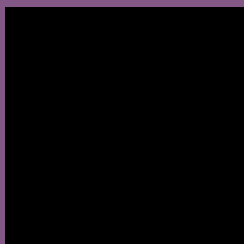
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.1010, 13.7542, 21.8364

Background



This preview shows how black text looks on a background with the YUV color 106.1010, 13.7542, 21.8364.



This preview shows how white text looks on a background with the YUV color 106.1010, 13.7542,

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

106.1010, 13.7542, 21.8364

Protanopia

103.2000, 20.1144, -11.5764

Deuteranopia

103.5230, 13.5462, -4.8437



Tritanopia

105.3660, -1.6594, 18.9730

Trichromacy



Original Color

106.1010, 13.7542, 21.8364

Protanomaly

104.2940, 17.6031, 0.6192

Deuteranomaly

104.2900, 13.6610, 5.0077

Tritanomaly

105.2720, 4.3029, 19.9325

Monochromacy



Original Color

106.1010, 13.7542, 21.8364

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7220, 5.0671, 8.1368

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1010, 13.7542, 21.8364 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, 88, 134)` looks like.

```
.text, #text, p{  
    color:rgb(131, 88, 134)  
}
```

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, 88, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 88, 134) }
```

Border

The CSS property to change the border of an element to YUV 106.1010, 13.7542, 21.8364 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, 88, 134) }
```


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

```
.border{ border-color:rgb(131, 88, 134) }
```

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

Here you see how a box with a 4 pixel rgb(131, 88, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 88, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 88, 134);  
box-shadow:4px 4px 4px 4px rgb(131, 88,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 106.1010, 13.7542, 21.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 88, 134) }
```

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

```
.background{ background-color: rgb(131, 88,  
134) }
```

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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