

Converting Colors

YUV(10.9530, 14.8132, 8.8112)

Have a look what the booklet for
YUV(10.9530, 14.8132, 8.8112)
contains.

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Color

**YUV(10.9530, 14.8132,
8.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	150029
RGB	21, 0, 41
RGB Percent	8%, 0%, 16%
CMY	0.9176, 1.0000, 0.8392
CMYK	0.49, 1.00, 0.00, 0.84
HSL	271°, 100%, 8%
HSV	271°, 100%, 16%
XYZ	0.7095, 0.3195, 2.1221
YIQ	10.9530, -0.6450, 17.2030

Conversions

Conversions Part 2

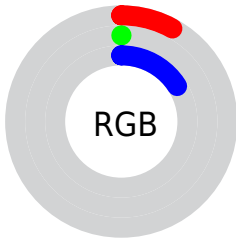
Format	Color
R_{YB}	21, 0, 41
Decimal	1376297
CIE Lab	2.89, 16.62, -21.26
CIE LCh	3, 26.988, 308.022
Yxy	0.3195, 0.2252, 0.1014
Android (android.graphics.Color)	4279566377 (0xFF150029)
YUV	10.9530, 14.8132, 8.8112
Hunter-Lab	5.6527, 12.5125, -18.3016

Details

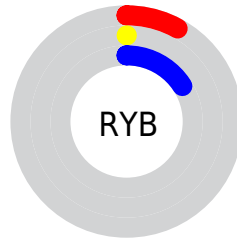
The YUV color **10.9530, 14.8132, 8.8112** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **30.0470, -14.8132, -8.8112**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.2300, 14.6766, 5.9373**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.9530, 14.8132, 8.8112**, and if you desaturate by 10%, it is **13.8990, 13.3608, 7.9816**.

Distribution



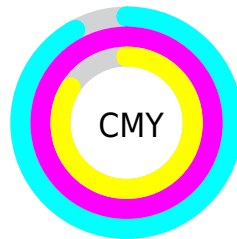
- Red (8%)
- Green (0%)
- Blue (16%)



- Red (8%)
- Yellow (0%)
- Blue (16%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (84%)



- Cyan (92%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.9530, 14.8132, 8.8112 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 10.9530, 14.8132, 8.8112 by changing the saturation by 10% instead.

■ 10.9530, 14.8132,
8.8112

■ 10.9530, 14.8132,
8.8112

■ 235.8840, 9.4242,
10.6257

■ 2.7530, 8.0098,
-2.4144

■ 56.2300, 14.6766,
5.9373

■ 0.0000, 0.0000,
0.0000

■ 79.7570, 15.4028,
6.3521

■ 103.5830, 15.9816,
7.3817

■ 128.8110, 16.8552,
7.1818

■ 155.2240, 17.1446,
7.6966

■ 181.7510, 17.8708,

8.1114

■ 209.7510, 17.8708,
8.1114

■ 10.9530, 14.8132,
8.8112

■ 13.8990, 13.3608,
7.9816

■ 16.8450, 11.9084,
7.1519

■ 19.7910, 10.4560,
6.3223

■ 22.7370, 9.0037,
5.4927

■ 25.6830, 7.5513,
4.6630

■ 29.2160, 5.8095,
3.3186

■ 32.1620, 4.3571,
2.4889

■ 35.1080, 2.9048,
1.6593

■ 38.0540, 1.4524,
0.8296

Harmonies

Analogous

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



11.9290, 17.7830, -10.4617



10.9530, 14.8132, 8.8112



14.4400, 6.1921, 20.6621

Triad

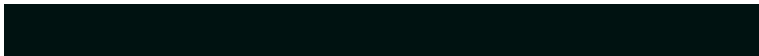
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.9530, 14.8132, 8.8112



10.1440, -5.0010, 17.4137



12.5040, 2.2165, -10.9660

Complementary

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



10.9530, 14.8132, 8.8112



30.0470, -14.8132, -8.8112

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.



10.5660, -5.2090, -9.2664



10.9530, 14.8132, 8.8112



9.4250, -4.6465, -3.0037

Square

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



10.9530, 14.8132, 8.8112



12.2590, -6.0437, 25.2059



10.5660, -5.2090, -9.2664



15.1430, 9.7895, -13.2804

Rectangle

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



10.9530, 14.8132, 8.8112



14.4530, -0.2233, 25.0357



10.5660, -5.2090, -9.2664



11.4780, -1.7147, -10.0662

Sweetspot

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



10.9530, 14.8132, 8.8112



41.6290, 6.0989, 3.8334



16.4140, 12.1209, -14.3951



20.6350, 3.6309, 2.0741



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



10.9530, 14.8132, 8.8112



14.2290, 19.6071, 11.2002



16.9330, 11.8650, 21.1068



18.5270, 0.7262, 0.4148



22.4330, 30.3525, 18.0373



56.4600, 76.6812, 45.2006

Inverse Universe

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



14.5390, 2.6923, 23.2063



19.1100, 3.3968, 30.5985



24.0670, -11.8650, -21.1068



18.7120, 0.1420, 1.1296



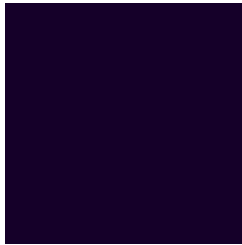
29.7900, 5.5265, 47.5422



75.1300, 13.7399, 120.0350

Previews

White Background



This preview shows how the YUV color 10.9530, 14.8132, 8.8112 looks on a white background.

Color Contrast Check

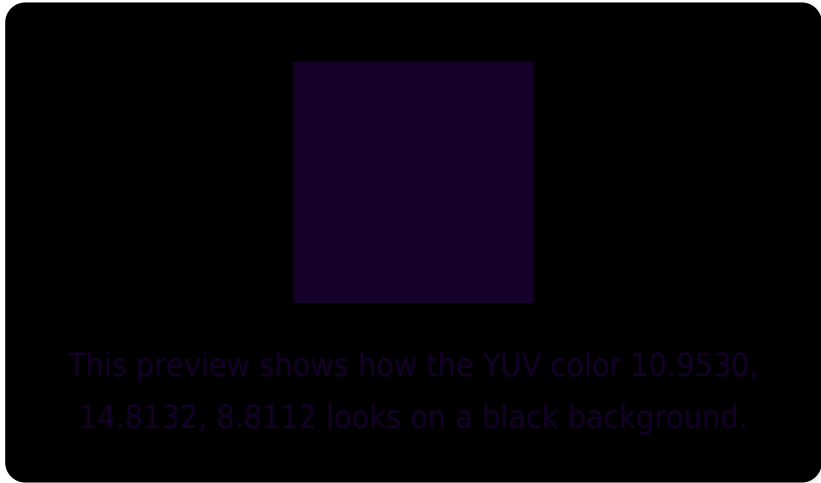
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

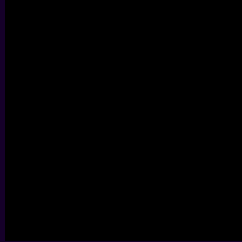
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 10.9530, 14.8132, 8.8112

Background



This preview shows how black text looks on a background with the YUV color 10.9530, 14.8132, 8.8112.



This preview shows how white text looks on a background with the YUV color 10.9530, 14.8132,

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



Protanopia

12.4530, 9.6367, -10.9213

Deuteranopia

12.4700, 7.1633, -10.9362

Tritanopia

15.8150, 0.5842, -0.7148

Trichromacy



Protanomaly

12.2520, 11.2148, -3.7290

Deuteranomaly

11.9100, 9.9044, -3.4291

Tritanomaly

13.9170, 5.9569, 2.7038

Monochromacy



Achromatopsia

11.0000, 0.0000, 0.0000

Achromatomaly

11.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.9530, 14.8132, 8.8112 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(21, 0, 41)` looks like.

```
.text, #text, p{  
    color:rgb(21, 0, 41)  
}
```

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(21, 0, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 0, 41) }
```

Border

The CSS property to change the border of an element to YUV 10.9530, 14.8132, 8.8112 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(21, 0, 41) }
```

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

```
.border{ border-color:rgb(21, 0, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 0, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 0, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 0, 41); box-shadow:4px  
4px 4px 4px rgb(21, 0, 41) }
```


Background

The CSS property to change the background color of an element to YUV 10.9530, 14.8132, 8.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 0, 41) }
```

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

```
.background{ background-color: rgb(21, 0,  
41) }
```

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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