

# Converting Colors

YUV(22.6930, 9.0254, -1.4848)

Have a look what the booklet for  
YUV(22.6930, 9.0254, -1.4848)  
contains.

<b>YUV(22.6930, 9.0254, -1.4848)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(22.6930, 9.0254,  
-1.4848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	151429
RGB	21, 20, 41
RGB Percent	8%, 8%, 16%
CMY	0.9176, 0.9216, 0.8392
CMYK	0.49, 0.51, 0.00, 0.84
HSL	243°, 34%, 12%
HSV	243°, 51%, 16%
XYZ	0.9597, 0.8198, 2.2055
YIQ	22.6930, -6.1450, 6.7430

# Conversions

## Conversions Part 2

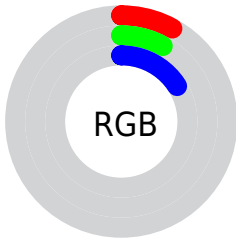
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 20, 41
Decimal	1381417
CIE Lab	7.41, 7.18, -14.16
CIE LCh	7, 15.881, 296.887
Yxy	0.8198, 0.2408, 0.2057
Android (android.graphics.Color)	4279571497 (0xFF151429)
YUV	22.6930, 9.0254, -1.4848
Hunter-Lab	9.0545, 3.0733, -8.1037

# Details

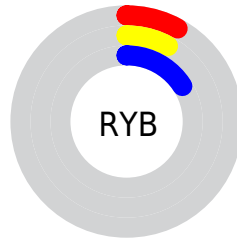
The YUV color **22.6930, 9.0254, -1.4848** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **38.3070, -9.0254, 1.4848**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.6330, 10.0409, -0.5551**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.1490, 10.7725, -1.8847**, and if you desaturate by 10%, it is **26.2370, 7.2782, -1.0848**.

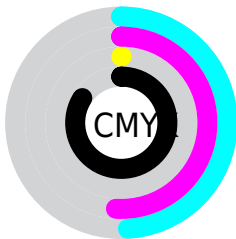
# Distribution



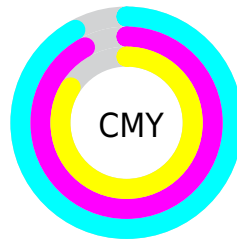
- Red (8%)
- Green (8%)
- Blue (16%)



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



- Cyan (49%)
- Magenta (51%)
- Yellow (0%)
- Black (84%)



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 22.6930, 9.0254, -1.4848 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 22.6930, 9.0254, -1.4848 by changing the saturation by 10% instead.



■ 22.6930, 9.0254,  
-1.4848

■ 22.6930, 9.0254,  
-1.4848

■ 246.7490, 4.0677,  
1.9741

■ 2.8670, 8.4466,  
-2.5144

■ 65.6330, 10.0409,  
-0.5551

■ 0.0000, 0.0000,  
0.0000

■ 88.8610, 10.9145,  
-0.7551

■ 113.2740, 11.2039,  
-0.2403

■ 139.2740, 11.2039,  
-0.2403

■ 165.5020, 12.0775,  
-0.4403

■ 192.5020, 12.0775,

-0.4403

■ 220.6160, 12.5143,  
-0.5402

■ 22.6930, 9.0254,  
-1.4848

■ 22.6930, 9.0254,  
-1.4848

■ 19.1490, 10.7725,  
-1.8847

■ 26.2370, 7.2782,  
-1.0848

■ 15.6050, 12.5197,  
-2.2846

■ 29.7810, 5.5310,  
-0.6849

■ 12.0610, 14.2669,  
-2.6845

■ 33.3250, 3.7838,  
-0.2850

■ 8.5170, 16.0141,  
-3.0844

■ 36.8690, 2.0366,  
0.1149

■ 5.2720, 17.6139,  
-2.8695

■ 41.0000, 0.0000,  
0.0000

■ 44.2450, -1.5998,  
-0.2149

■ 47.7890, -3.3470,  
0.1850

■ 51.3330, -5.0942,  
0.5850

■ 54.8770, -6.8414,  
0.9849

# Harmonies

## Analogous

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



18.9900, 11.8369, -16.6542



22.6930, 9.0254, -1.4848



23.4340, 5.2090, 9.2664

# Triad

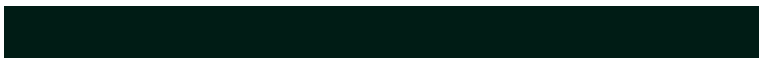
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.6930, 9.0254, -1.4848



21.3410, -10.5211, 14.6099



18.8300, 1.0698, -16.5139

# Complementary

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



22.6930, 9.0254, -1.4848



38.3070, -9.0254, 1.4848

# 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.



17.0170, -5.9244, -13.1699



22.6930, 9.0254, -1.4848



21.2970, -10.4994, 7.6325

# Square

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



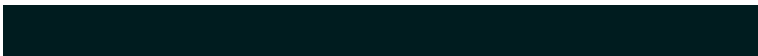
22.6930, 9.0254, -1.4848



21.9160, -5.8746, 17.6137



20.6550, -10.1829, -0.5744



19.9700, 5.4378, -17.5137



# Rectangle

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



22.6930, 9.0254, -1.4848



22.9570, 1.9932, 14.0697



20.6550, -10.1829, -0.5744



18.2600, -1.1142, -16.0140

# Sweetspot

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



22.6930, 9.0254, -1.4848



46.9120, 3.4944, -0.7998



34.1340, 3.3849, -12.3955



23.5700, 2.1840, -0.4999



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.



22.6930, 9.0254, -1.4848



25.0610, 14.2669, -2.6845



25.6830, 7.5513, 4.6630



18.2280, 0.8736, -0.2000



10.7720, 36.1014, -5.9390



27.1580, 91.1271, -15.0476



# Inverse Universe

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



28.5590, 5.6404, 10.9108



34.4010, 8.6763, 17.1883



35.3170, -7.5513, -4.6630



18.8260, 0.5788, 1.0296



34.2360, 22.5617, 43.6430



86.4160, 56.9829, 110.1372



# Previews

## White Background



This preview shows how the YUV color 22.6930, 9.0254, -1.4848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

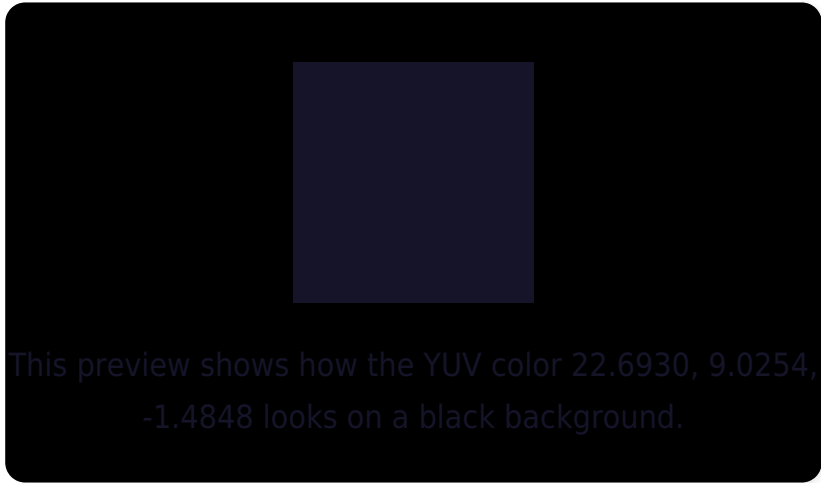
Any Text WCAG AA ✓ Pass

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 22.6930, 9.0254, -1.4848**

## **Background**



This preview shows how black text looks on a background with the YUV color 22.6930, 9.0254, -1.4848.



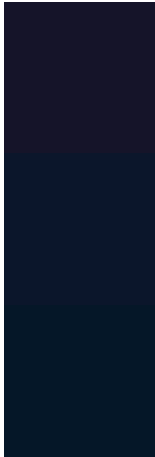
This preview shows how white text looks on a background with the YUV color 22.6930, 9.0254,

-1.4848.

# 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

22.6930, 9.0254, -1.4848

### Protanopia

21.1050, 10.7942, -8.8621

### Deuteranopia

19.5560, 10.0789, -12.7656



## Tritanopia

21.8360, 2.0529, -5.1182

# Trichromacy



## Original Color

22.6930, 9.0254, -1.4848

## Protanomaly

21.6000, 10.0572, -5.7882

## Deuteranomaly

20.7630, 9.4838, -8.5622

## Tritanomaly

22.4170, 4.2314, -3.8737

# Monochromacy



## Original Color

22.6930, 9.0254, -1.4848

## Achromatopsia

23.0000, 0.0000, 0.0000

## Achromatomaly

22.9120, 3.4944, -0.7998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 22.6930, 9.0254, -1.4848 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, 20, 41)` looks like.

```
.text, #text, p{  
    color:rgb(21, 20, 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, 20, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 20, 41) }
```

## Border

The CSS property to change the border of an element to YUV 22.6930, 9.0254, -1.4848 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, 20, 41) }
```



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

```
.border{ border-color:rgb(21, 20, 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, 20, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 20, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 20, 41);  
box-shadow:4px 4px 4px 4px rgb(21, 20, 41)  
}
```

# Background

The CSS property to change the background color of an element to YUV 22.6930, 9.0254, -1.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 20, 41) }
```

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

```
.background{ background-color: rgb(21, 20,  
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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor