

# Converting Colors

YUV(22.4160, 9.1619, 1.3892)

Have a look what the booklet for  
YUV(22.4160, 9.1619, 1.3892)  
contains.

<b>YUV(22.4160, 9.1619, 1.3892)</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(22.4160, 9.1619,  
1.3892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	181229
RGB	24, 18, 41
RGB Percent	9%, 7%, 16%
CMY	0.9059, 0.9294, 0.8392
CMYK	0.41, 0.56, 0.00, 0.84
HSL	256°, 39%, 12%
HSV	256°, 56%, 16%
XYZ	0.9932, 0.7869, 2.1974
YIQ	22.4160, -3.8070, 8.4250

# Conversions

## Conversions Part 2

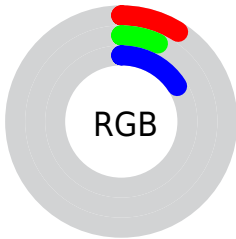
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 18, 41
Decimal	1577513
CIE Lab	7.11, 9.71, -14.61
CIE LCh	7, 17.543, 303.609
Yxy	0.7869, 0.2497, 0.1978
Android (android.graphics.Color)	4279767593 (0xFF181229)
YUV	22.4160, 9.1619, 1.3892
Hunter-Lab	8.8707, 4.4624, -8.4772

# Details

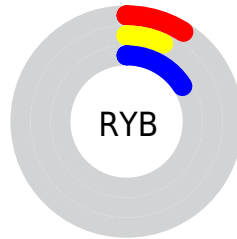
The YUV color **22.4160, 9.1619, 1.3892** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **36.5840, -9.1619, -1.3892**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.3560, 10.1775, 2.3188**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.1710, 10.7617, 1.6040**, and if you desaturate by 10%, it is **25.6610, 7.5621, 1.1743**.

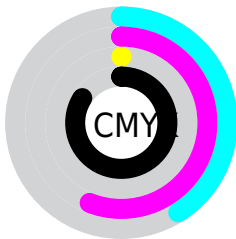
# Distribution



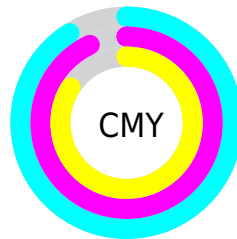
- Red (9%)
- Green (7%)
- Blue (16%)



- Red (9%)
- Yellow (7%)
- Blue (16%)



- Cyan (41%)
- Magenta (56%)
- Yellow (0%)
- Black (84%)



- Cyan (91%)
- Magenta (93%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 22.4160, 9.1619, 1.3892 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 22.4160, 9.1619, 1.3892 by changing the saturation by 10% instead.



■ 22.4160, 9.1619,  
1.3892

■ 22.4160, 9.1619,  
1.3892

■ 246.7710, 4.0569,  
5.4628

■ 2.8670, 8.4466,  
-2.5144

■ 65.3560, 10.1775,  
2.3188

■ 0.0000, 0.0000,  
0.0000

■ 88.8830, 10.9037,  
2.7336

■ 112.9970, 11.3405,  
2.6336

■ 139.1110, 11.7773,  
2.5337

■ 165.5240, 12.0667,  
3.0485

■ 192.5240, 12.0667,

3.0485

■ 220.0510, 12.7929,  
3.4633

■ 22.4160, 9.1619,  
1.3892

■ 22.4160, 9.1619,  
1.3892

■ 19.1710, 10.7617,  
1.6040

■ 25.6610, 7.5621,  
1.1743

■ 15.9260, 12.3615,  
1.8189

■ 28.9060, 5.9623,  
0.9594

■ 12.6810, 13.9613,  
2.0338

■ 32.1510, 4.3626,  
0.7446

■ 9.4360, 15.5611,  
2.2486

■ 35.3960, 2.7628,  
0.5297

■ 7.9630, 16.2872,  
2.6634

■ 38.6410, 1.1630,  
0.3148

■ 42.4730, -0.7262,  
-0.4148

■ 45.7180, -2.3260,  
-0.6297

■ 48.9630, -3.9258,  
-0.8446

■ 52.2080, -5.5255,  
-1.0594

# Harmonies

## Analogous

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



18.9300, 12.8525, -15.7246



22.4160, 9.1619, 1.3892



22.3420, 4.7614, 12.8551

# Triad

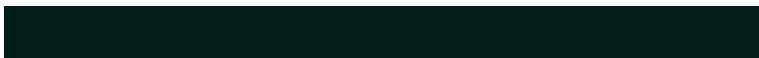
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.4160, 9.1619, 1.3892



21.0420, -10.3737, 13.9952



19.6450, 1.6540, -17.2287

# Complementary

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



22.4160, 9.1619, 1.3892



36.5840, -9.1619, -1.3892

# 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.



17.1200, -5.4822, -15.0142



22.4160, 9.1619, 1.3892



20.9870, -10.3466, 5.2734

# Square

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



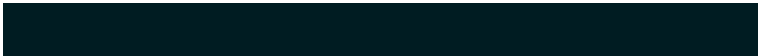
22.4160, 9.1619, 1.3892



20.8300, -8.7902, 19.4431



18.8610, -9.2985, -4.2631



20.3120, 6.7482, -17.8136



# Rectangle

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



22.4160, 9.1619, 1.3892



21.5660, 1.6930, 17.0436



18.8610, -9.2985, -4.2631



18.4880, -0.2406, -16.2140

# Sweetspot

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



22.4160, 9.1619, 1.3892



46.0370, 3.9258, 0.8446



30.6010, 5.1267, -11.0511



23.2820, 2.3260, 0.6297



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.



22.4160, 9.1619, 1.3892



24.7950, 14.3981, 1.9338



25.7050, 7.5404, 8.1517



18.5270, 0.7262, 0.4148



16.1540, 33.4481, 5.1269



40.6130, 84.4938, 12.6174



# Inverse Universe

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



26.8150, 4.0352, 12.4402



31.7280, 6.0501, 19.5325



33.2950, -7.5404, -8.1517



18.8260, 0.5788, 1.0296



32.1840, 14.6993, 45.4426



81.1720, 36.8902, 114.7362



# Previews

## White Background



This preview shows how the YUV color 22.4160, 9.1619, 1.3892 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

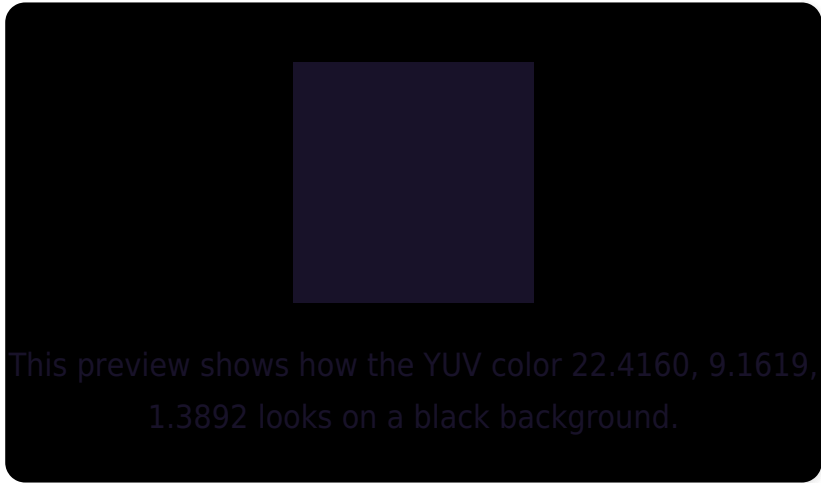
Any Text WCAG AA ✓ Pass

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 22.4160, 9.1619, 1.3892

## Background



This preview shows how black text looks on a background with the YUV color 22.4160, 9.1619, 1.3892.



This preview shows how white text looks on a background with the YUV color 22.4160, 9.1619,



# 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

22.4160, 9.1619, 1.3892

### Protanopia

19.2510, 12.6943, -11.6211

### Deuteranopia

17.4740, 11.1053, -15.3247



**Tritanopia**

21.6300, 1.1684, -1.4295

# Trichromacy



## Original Color

22.4160, 9.1619, 1.3892

## Protanomaly

20.6430, 11.5150, -6.7029

## Deuteranomaly

19.5780, 10.0680, -9.2769

## Tritanomaly

22.0260, 3.9312, -0.8998

# Monochromacy



## Original Color

22.4160, 9.1619, 1.3892

## Achromatopsia

22.0000, 0.0000, 0.0000

## Achromatomaly

22.5100, 3.1996, 0.4297

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 22.4160, 9.1619, 1.3892 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(24, 18, 41)` looks like.

```
.text, #text, p{  
  color:rgb(24, 18, 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(24, 18, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 18, 41) }
```

## Border

The CSS property to change the border of an element to YUV 22.4160, 9.1619, 1.3892 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(24, 18, 41) }
```



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

```
.border{ border-color:rgb(24, 18, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 18, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 18, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 18, 41);  
box-shadow:4px 4px 4px 4px rgb(24, 18, 41)  
}
```

# Background

The CSS property to change the background color of an element to YUV 22.4160, 9.1619, 1.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 18, 41) }
```

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

```
.background{ background-color: rgb(24, 18,  
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