

# Converting Colors

YUV(24.0400, 12.7983, 1.7189)

Have a look what the booklet for  
YUV(24.0400, 12.7983, 1.7189)  
contains.

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# Color

**YUV(24.0400, 12.7983,  
1.7189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A1232
RGB	26, 18, 50
RGB Percent	10%, 7%, 20%
CMY	0.8980, 0.9294, 0.8039
CMYK	0.48, 0.64, 0.00, 0.80
HSL	255°, 47%, 13%
HSV	255°, 64%, 20%
XYZ	1.2180, 0.8825, 3.1238
YIQ	24.0400, -5.5040, 11.6480

# Conversions

## Conversions Part 2

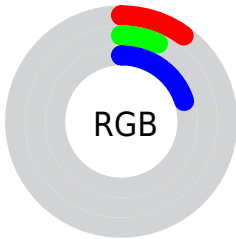
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 18, 50
Decimal	1708594
CIELab	7.97, 13.68, -19.90
CIELCh	8, 24.145, 304.513
Yxy	0.8825, 0.2331, 0.1689
Android (android.graphics.Color)	4279898674 (0xFF1A1232)
YUV	24.0400, 12.7983, 1.7189
Hunter-Lab	9.3942, 6.7040, -13.1391




# Details

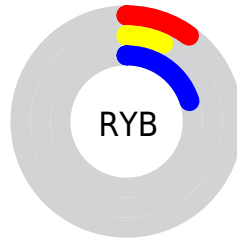
The YUV color **24.0400, 12.7983, 1.7189** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **43.9600, -12.7983, -1.7189**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.5070, 14.5400, 3.0634**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.9090, 14.8349, 1.8338**, and if you desaturate by 10%, it is **28.1710, 10.7617, 1.6040**.

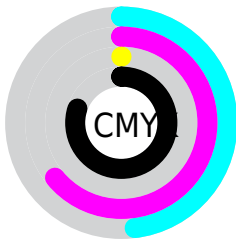
# Distribution







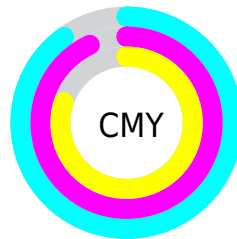
-  Red (10%)
-  Green (7%)
-  Blue (20%)






-  Red (10%)
-  Yellow (7%)
-  Blue (20%)



-  Cyan (48%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (90%)
-  Magenta (93%)
-  Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 24.0400, 12.7983, 1.7189 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 24.0400, 12.7983, 1.7189 by changing the saturation by 10% instead.



■ 24.0400, 12.7983,  
1.7189

■ 24.0400, 12.7983,  
1.7189

■ 247.3690, 3.7621,  
6.6924

■ 3.3060, 12.6671,  
-2.8994

■ 67.5070, 14.5400,  
3.0634

■ 0.0000, 0.0000,  
0.0000

■ 91.0340, 15.2662,  
3.4782

■ 115.7460, 15.4082,  
4.6078

■ 141.8600, 15.8450,  
4.5078

■ 168.0880, 16.7186,  
4.3078

■ 195.5010, 17.0080,

4.8226

■ 223.1590, 15.6976,  
5.1226

■ 24.0400, 12.7983,  
1.7189

■ 24.0400, 12.7983,  
1.7189

■ 19.9090, 14.8349,  
1.8338

■ 28.1710, 10.7617,  
1.6040

■ 16.0770, 16.7240,  
2.5635

■ 32.3020, 8.7251,  
1.4891

■ 11.9460, 18.7606,  
2.6784

■ 36.1340, 6.8359,  
0.7595

■ 9.5870, 19.9236,  
2.9932

■ 40.2650, 4.7994,  
0.6446

■ 44.3960, 2.7628,  
0.5297

■ 48.5270, 0.7262,  
0.4148

■ 52.3590, -1.1630,  
-0.3148

■ 56.4900, -3.1996,  
-0.4297

■ 60.6210, -5.2362,  
-0.5446

# Harmonies

## Analogous

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



21.0590, 17.2259, -18.4687



24.0400, 12.7983, 1.7189



23.2440, 6.7817, 18.2030

# Triad

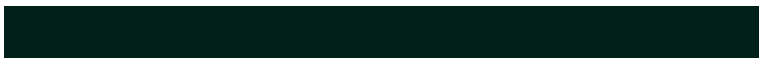
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.0400, 12.7983, 1.7189



22.5370, -11.1107, 17.0691



21.6340, 1.6594, -18.9730

# Complementary

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



24.0400, 12.7983, 1.7189



43.9600, -12.7983, -1.7189

# 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.



18.5390, -7.6607, -16.2587



24.0400, 12.7983, 1.7189



22.7590, -11.2202, 5.4734

# Square

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



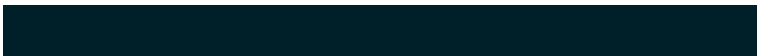
24.0400, 12.7983, 1.7189



20.5320, -10.1223, 26.7204



19.1270, -9.4296, -8.8814



23.4580, 8.6482, -20.5727



# Rectangle

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



24.0400, 12.7983, 1.7189



21.5500, 2.6869, 24.9507



19.1270, -9.4296, -8.8814



21.0640, -0.5246, -18.4731

# Sweetspot

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



24.0400, 12.7983, 1.7189



54.2650, 4.7994, 0.6446



35.7360, 7.0322, -15.5545



27.0970, 2.9102, -0.0851



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000



# Same Dimension

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



24.0400, 12.7983, 1.7189



24.1740, 19.6342, 2.4784



28.8240, 10.4398, 11.5554



23.6410, 1.1630, 0.3148



16.7240, 35.6321, 4.6271



40.8840, 86.8252, 11.5027



# Inverse Universe

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



30.3040, 5.7661, 17.2734



33.7550, 8.5018, 26.5249



39.1760, -10.4398, -11.5554



24.1250, 0.4314, 1.6444



34.2490, 16.1462, 48.0166



83.4650, 39.2108, 117.1102



# Previews

## White Background



This preview shows how the YUV color 24.0400, 12.7983, 1.7189 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

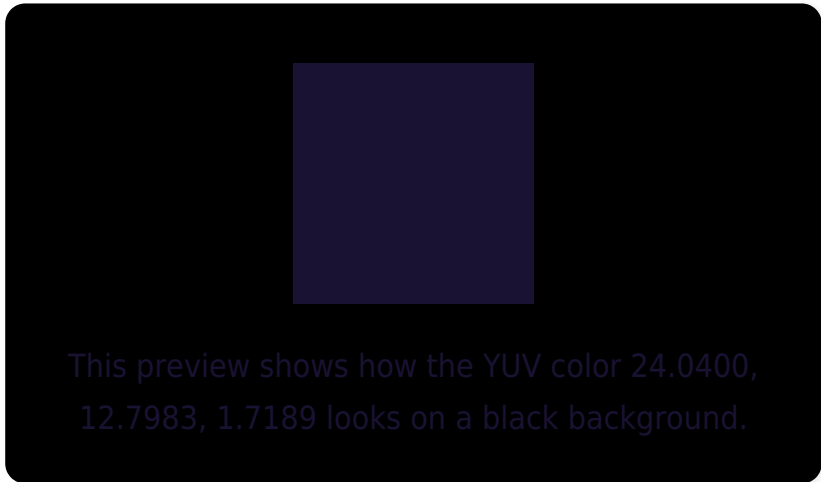
Any Text WCAG AA ✓ Pass

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

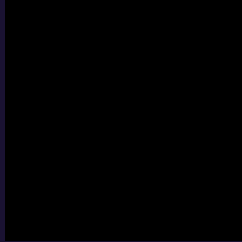
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 24.0400, 12.7983, 1.7189

## Background



This preview shows how black text looks on a background with the YUV color 24.0400, 12.7983, 1.7189.



This preview shows how white text looks on a background with the YUV color 24.0400, 12.7983,



# 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

24.0400, 12.7983, 1.7189

### Protanopia

19.0870, 14.7471, -16.7393

### Deuteranopia

19.5770, 11.5475, -17.1690



## Tritanopia

23.7330, 1.6106, -3.2738

# Trichromacy



## Original Color

24.0400, 12.7983, 1.7189

## Protanomaly

20.6040, 13.9992, -10.1767

## Deuteranomaly

20.8490, 12.3994, -10.3916

## Tritanomaly

23.4820, 5.6784, -1.2997

# Monochromacy



## Original Color

24.0400, 12.7983, 1.7189

## Achromatopsia

24.0000, 0.0000, 0.0000

## Achromatomaly

24.1510, 4.3626, 0.7446

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 24.0400, 12.7983, 1.7189 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(26, 18, 50)` looks like.

```
.text, #text, p{  
    color:rgb(26, 18, 50)  
}
```

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(26, 18, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 18, 50) }
```

## Border

The CSS property to change the border of an element to YUV 24.0400, 12.7983, 1.7189 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(26, 18, 50) }
```



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

```
.border{ border-color:rgb(26, 18, 50) }
```

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

Here you see how a box with a 4 pixel rgb(26, 18, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 18, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 18, 50);  
box-shadow:4px 4px 4px 4px rgb(26, 18, 50)  
}
```

# Background

The CSS property to change the background color of an element to YUV 24.0400, 12.7983, 1.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 18, 50) }
```

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

```
.background{ background-color: rgb(26, 18,  
50) }
```

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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