

Converting Colors

YUV(17.0750, 19.6830,
-13.2208)

Have a look what the booklet for
YUV(17.0750, 19.6830, -13.2208)
contains.

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Color

**YUV(17.0750, 19.6830,
-13.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	021139
RGB	2, 17, 57
RGB Percent	1%, 7%, 22%
CMY	0.9922, 0.9333, 0.7765
CMYK	0.96, 0.70, 0.00, 0.78
HSL	224°, 93%, 12%
HSV	224°, 96%, 22%
XYZ	0.9640, 0.7092, 3.9570
YIQ	17.0750, -21.7800, 9.2600

Conversions

Conversions Part 2

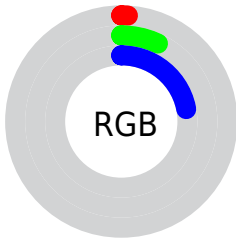
Format	Color
R _Y B	2, 14, 57
Decimal	135481
CIE Lab	6.41, 11.65, -27.62
CIE LCh	6, 29.973, 292.877
Yxy	0.7092, 0.1712, 0.1260
Android (android.graphics.Color)	4278325561 (0xFF021139)
YUV	17.0750, 19.6830, -13.2208
Hunter-Lab	8.4215, 5.6953, -21.9634

Details

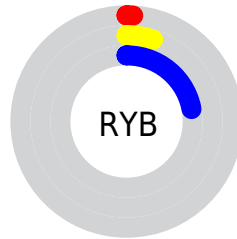
The YUV color **17.0750, 19.6830, -13.2208** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **41.9250, -19.6830, 13.2208**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.7490, 20.8297, -7.6729**, and **1.1400, 4.3680, -0.9998** is the 20% darker color. If you saturate the color by 10%, you get **15.8900, 20.2672, -13.9355**, and if you desaturate by 10%, it is **21.2170, 17.6410, -11.5913**.

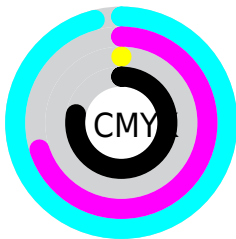
Distribution



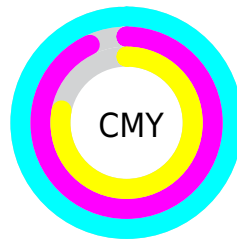
- Red (1%)
- Green (7%)
- Blue (22%)



- Red (1%)
- Yellow (5%)
- Blue (22%)



- Cyan (96%)
- Magenta (70%)
- Yellow (0%)
- Black (78%)



- Cyan (99%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.0750, 19.6830, -13.2208 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 17.0750, 19.6830, -13.2208 by changing the saturation by 10% instead.

■ 17.0750, 19.6830,
-13.2208

■ 17.0750, 19.6830,
-13.2208

■ 241.7100, 6.5520,
-1.4997

■ 5.1640, 14.7091,
-4.5288

■ 62.7490, 20.8297,
-7.6729

■ 1.1400, 4.3680,
-0.9998

■ 86.2760, 21.5559,
-7.2581

■ 0.0000, 0.0000,
0.0000

■ 111.1020, 22.1347,
-6.2285

■ 136.6290, 22.8609,
-5.8136

■ 162.8570, 23.7345,
-6.0136

■ 190.2700, 24.0239,

-5.4988

■ 216.3150, 19.0717,
-3.7843

■ 17.0750, 19.6830,
-13.2208

■ 17.0750, 19.6830,
-13.2208

■ 15.8900, 20.2672,
-13.9355

■ 21.2170, 17.6410,
-11.5913

■ 25.0600, 15.7464,
-10.5766

■ 29.2020, 13.7044,
-8.9472

■ 33.9310, 11.3730,
-7.8325

■ 38.0730, 9.3310,
-6.2030

■ 41.9160, 7.4364,
-5.1883

■ 46.0580, 5.3944,
-3.5589

■ 50.2000, 3.3524,
-1.9294

■ 54.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



21.5150, 18.9731, -18.8687



17.0750, 19.6830, -13.2208



19.3130, 12.1707, 16.3885

Triad

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



17.0750, 19.6830, -13.2208



17.5640, -8.6591, 24.0614



19.6790, -3.2927, -17.2585

Complementary

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



17.0750, 19.6830, -13.2208



41.9250, -19.6830, 13.2208

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.



17.0230, -8.3923, -14.9292



17.0750, 19.6830, -13.2208



19.8350, -9.7787, 9.7917

Square

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



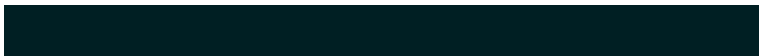
17.0750, 19.6830, -13.2208



16.1460, -7.9600, 33.1980



16.4690, -8.1192, -9.1813



22.1870, 6.3168, -19.4580

Rectangle

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



17.0750, 19.6830, -13.2208



18.2990, 6.7546, 26.9248



16.4690, -8.1192, -9.1813



18.3110, -8.5343, -16.0587

Sweetspot

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



17.0750, 19.6830, -13.2208



58.3290, 7.7258, -4.6735



38.7310, 1.1186, -32.2131



28.8300, 4.5208, -3.3589



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



17.0750, 19.6830, -13.2208



20.1760, 26.5352, -17.6944



11.8580, 22.2550, 1.8785



25.9290, 1.0210, -0.8147



25.1630, 32.9506, -22.0680



60.1860, 78.2953, -52.7831

Inverse Universe

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



20.1550, -1.5554, 32.3131



24.4060, -2.1722, 43.4939



47.1420, -22.2550, -1.8785



26.0110, -0.0054, 1.7444



30.3580, -2.6415, 54.0600



72.3210, -6.0743, 128.6375

Previews

White Background



This preview shows how the YUV color 17.0750, 19.6830, -13.2208 looks on a white background.

Color Contrast Check

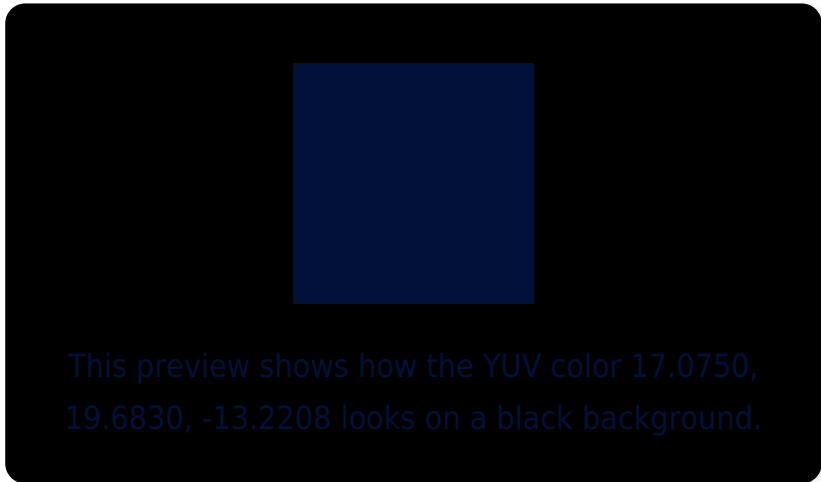
Large Text (above 18pt) WCAG AA ✓ Pass

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

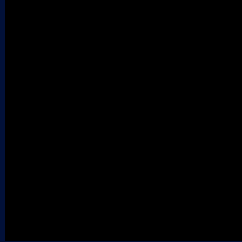
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.0750, 19.6830, -13.2208

Background



This preview shows how black text looks on a background with the YUV color 17.0750, 19.6830, -13.2208.



This preview shows how white text looks on a background with the YUV color 17.0750, 19.6830,

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

17.0750, 19.6830, -13.2208

Deuteranopia

17.8330, 9.9423, -15.6395

Tritanopia

17.0520, 4.4114, -14.9546

Trichromacy



Original Color

17.0750, 19.6830, -13.2208

Deuteranomaly

17.7560, 13.4313, -14.6950

Tritanomaly

16.8440, 9.9369, -13.8952

Monochromacy



Original Color

17.0750, 19.6830, -13.2208

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.0750, 19.6830, -13.2208 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(2, 17, 57)` looks like.

```
.text, #text, p{  
    color:rgb(2, 17, 57)  
}
```

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(2, 17, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 17, 57) }
```

Border

The CSS property to change the border of an element to YUV 17.0750, 19.6830, -13.2208 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(2, 17, 57) }
```

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

```
.border{ border-color:rgb(2, 17, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 17, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 17, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 17, 57); box-shadow:4px  
4px 4px 4px rgb(2, 17, 57) }
```


Background

The CSS property to change the background color of an element to YUV 17.0750, 19.6830, -13.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 17, 57) }
```

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

```
.background{ background-color: rgb(2, 17,  
57) }
```

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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