

Converting Colors

YUV(16.9770, 4.9413, 1.7742)

Have a look what the booklet for
YUV(16.9770, 4.9413, 1.7742)
contains.

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Color

**YUV(16.9770, 4.9413,
1.7742)**

Conversions

Conversions Part 1

Format	Color
Hex	130E1B
RGB	19, 14, 27
RGB Percent	7%, 5%, 11%
CMY	0.9255, 0.9451, 0.8941
CMYK	0.30, 0.48, 0.00, 0.89
HSL	263°, 32%, 8%
HSV	263°, 48%, 11%
XYZ	0.6234, 0.5317, 1.1067
YIQ	16.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

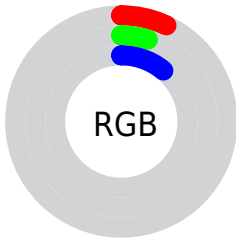
Format	Color
RYB	19, 14, 27
Decimal	1248795
CIELab	4.80, 4.84, -7.46
CIELCh	5, 8.889, 302.977
Yxy	0.5317, 0.2756, 0.2351
Android (android.graphics.Color)	4279438875 (0xFF130E1B)
YUV	16.9770, 4.9413, 1.7742
Hunter-Lab	7.2915, 2.5018, -3.8948

Details

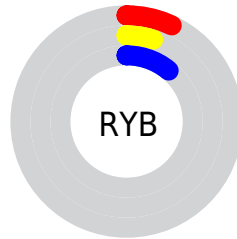
The YUV color **16.9770, 4.9413, 1.7742** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.0230, -4.9413, -1.7742**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.6780, 5.0887, 1.1594**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.6180, 6.1043, 2.0890**, and if you desaturate by 10%, it is **19.3360, 3.7784, 1.4593**.

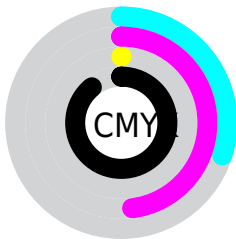
Distribution



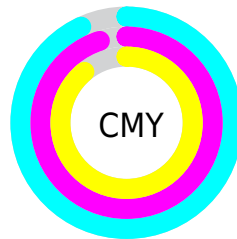
- Red (7%)
- Green (5%)
- Blue (11%)



- Red (7%)
- Yellow (5%)
- Blue (11%)



- Cyan (30%)
- Magenta (48%)
- Yellow (0%)
- Black (89%)



- Cyan (93%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.9770, 4.9413, 1.7742 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 16.9770, 4.9413, 1.7742 by changing the saturation by 10% instead.

■ 16.9770, 4.9413,
1.7742

■ 16.9770, 4.9413,
1.7742

■ 241.3190, 6.2517,
1.4742

■ 0.0000, 0.0000,
0.0000

■ 59.6780, 5.0887,
1.1594

■ 82.7920, 5.5255,
1.0594

■ 106.7920, 5.5255,
1.0594

■ 132.2050, 5.8149,
1.5742

■ 158.2050, 5.8149,
1.5742

■ 185.3190, 6.2517,

1.4742

■ 212.7320, 6.5411,
1.9890

■ 16.9770, 4.9413,
1.7742

■ 16.9770, 4.9413,
1.7742

■ 14.6180, 6.1043,
2.0890

■ 19.3360, 3.7784,
1.4593

■ 13.1450, 6.8305,
2.5038

■ 20.8090, 3.0522,
1.0445

■ 10.7860, 7.9935,
2.8187

■ 23.1680, 1.8892,
0.7297

■ 8.4270, 9.1565,
3.1335

■ 25.5270, 0.7262,
0.4148

■ 6.3670, 10.1721,
4.0631

■ 27.5870, -0.2894,
-0.5148

■ 6.0680, 10.3195,
3.4484

■ 29.3590, -1.1630,
-0.3148

■ 31.7180, -2.3260,
-0.6297

■ 33.7780, -3.3416,
-1.5593

■ 35.5500, -4.2151,
-1.3593

Harmonies

Analogous

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



15.6770, 6.5682, -6.7327



16.9770, 4.9413, 1.7742



17.4400, 2.7411, 7.5071

Triad

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



16.9770, 4.9413, 1.7742



15.7040, -7.7421, 9.9066



14.2650, 1.3484, -12.5104

Complementary

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



16.9770, 4.9413, 1.7742



24.0230, -4.9413, -1.7742

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.



13.1360, -3.0250, -9.7663



16.9770, 4.9413, 1.7742



15.9700, -7.8732, 5.2883

Square

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



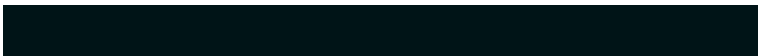
16.9770, 4.9413, 1.7742



16.1110, -4.9847, 12.1807



14.4530, -7.1253, -1.2743



14.3620, 4.2585, -12.5955

Rectangle

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



16.9770, 4.9413, 1.7742



16.8810, 0.5517, 9.7514



14.4530, -7.1253, -1.2743



13.9230, 0.0380, -12.2105

Sweetspot

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



16.9770, 4.9413, 1.7742



32.1680, 1.8892, 0.7297



20.1780, 3.3632, -5.4181



15.6410, 1.1630, 0.3148



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



16.9770, 4.9413, 1.7742



19.7860, 7.9935, 2.8187



18.7710, 4.0569, 5.4628



11.5270, 0.7262, 0.4148



17.4490, 29.3586, 10.1302



46.5780, 77.6090, 27.5571

Inverse Universe

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



18.7990, 1.5781, 7.1923



22.7610, 2.5828, 11.6106



22.2290, -4.0569, -5.4628



11.7120, 0.1420, 1.1296



28.3810, 9.1792, 42.6389



75.3600, 24.9655, 112.8173

Previews

White Background



This preview shows how the YUV color 16.9770, 4.9413, 1.7742 looks on a white background.

Color Contrast Check

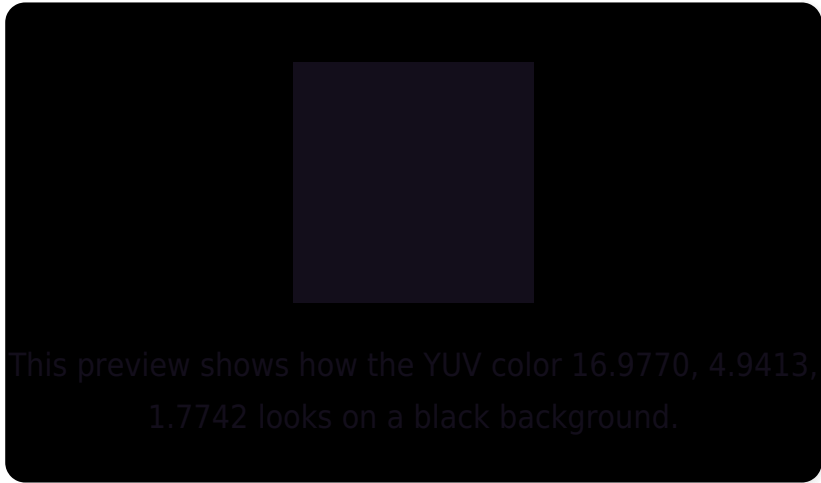
Large Text (above 18pt) WCAG AA ✓ Pass

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

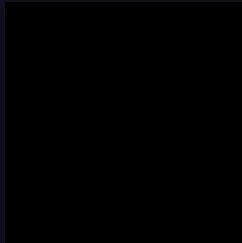
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.9770, 4.9413, 1.7742

Background



This preview shows how black text looks on a background with the YUV color 16.9770, 4.9413, 1.7742.

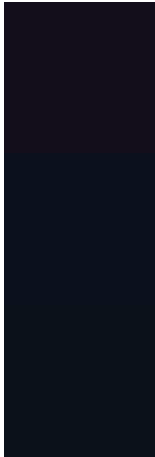


This preview shows how white text looks on a background with the YUV color 16.9770, 4.9413,

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

16.9770, 4.9413, 1.7742

Protanopia

15.9870, 6.4154, -4.3736

Deuteranopia

16.2320, 4.8156, -4.5885



Tritanopia

16.5270, 0.7262, 0.4148

Trichromacy



Original Color

16.9770, 4.9413, 1.7742

Protanomaly

16.1830, 5.8258, -1.9145

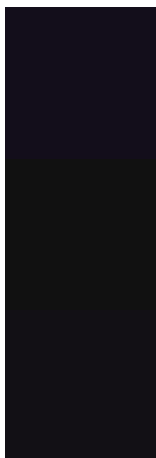
Deuteranomaly

16.5420, 4.6628, -2.2293

Tritanomaly

16.5810, 2.1786, 1.2445

Monochromacy



Original Color

16.9770, 4.9413, 1.7742

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.9770, 4.9413, 1.7742 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(19, 14, 27)` looks like.

```
.text, #text, p{  
    color:rgb(19, 14, 27)  
}
```

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(19, 14, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 14, 27) }
```

Border

The CSS property to change the border of an element to YUV 16.9770, 4.9413, 1.7742 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(19, 14, 27) }
```


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

```
.border{ border-color:rgb(19, 14, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 14, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 14, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 14, 27);  
box-shadow:4px 4px 4px 4px rgb(19, 14, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 16.9770, 4.9413, 1.7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 14, 27) }
```

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

```
.background{ background-color: rgb(19, 14,  
27) }
```

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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