

Converting Colors

YUV(14.7170, 22.8175, 8.1412)

Have a look what the booklet for
YUV(14.7170, 22.8175, 8.1412)
contains.

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Color

**YUV(14.7170, 22.8175,
8.1412)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 18013D |
| RGB | 24, 1, 61 |
| RGB Percent | 9%, 0%, 24% |
| CMY | 0.9059, 0.9961, 0.7608 |
| CMYK | 0.61, 0.98, 0.00, 0.76 |
| HSL | 263°, 97%, 12% |
| HSV | 263°, 98%, 24% |
| XYZ | 1.2298, 0.5528, 4.4568 |
| YIQ | 14.7170, -5.5520, 23.5360 |

Conversions

Conversions Part 2

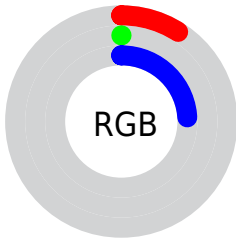
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 24, 1, 61 |
| Decimal | 1573181 |
| CIE Lab | 4.99, 26.89, -32.73 |
| CIE LCh | 5, 42.362, 309.410 |
| Yxy | 0.5528, 0.1971, 0.0886 |
| Android (android.graphics.Color) | 4279763261 (0xFF18013D) |
| YUV | 14.7170, 22.8175, 8.1412 |
| Hunter-Lab | 7.4352, 16.5139, -30.3347 |

Details

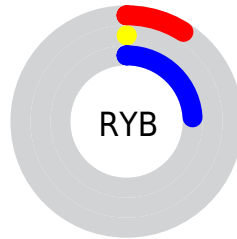
The YUV color **14.7170, 22.8175, 8.1412** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **47.2830, -22.8175, -8.1412**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.9560, 23.6857, 9.6856**, and **2.4110, 6.6994, -2.1144** is the 20% darker color. If you saturate the color by 10%, you get **13.8310, 23.2543, 8.0412**, and if you desaturate by 10%, it is **19.4350, 20.4915, 7.5115**.

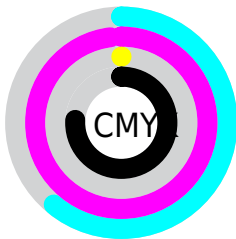
Distribution



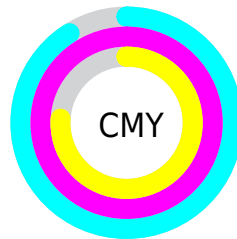
- Red (9%)
- Green (0%)
- Blue (24%)



- Red (9%)
- Yellow (0%)
- Blue (24%)



- Cyan (61%)
- Magenta (98%)
- Yellow (0%)
- Black (76%)



- Cyan (91%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.7170, 22.8175, 8.1412 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 14.7170, 22.8175, 8.1412 by changing the saturation by 10% instead.

■ 14.7170, 22.8175,
8.1412

■ 14.7170, 22.8175,
8.1412

■ 237.3900, 8.6817,
15.4440

■ 4.4460, 17.0351,
-3.8991

■ 60.9560, 23.6857,
9.6856

■ 2.4110, 6.6994,
-2.1144

■ 84.8960, 24.7013,
10.6152

■ 0.0000, 0.0000,
0.0000


■ 109.1350, 25.5694,
12.1596


■ 135.0750, 26.5850,
13.0892


■ 161.4880, 26.8744,
13.6040


■ 189.0150, 27.6006,


14.0188


 214.3760, 20.0276,
16.3332


 14.7170, 22.8175,
8.1412


 14.7170, 22.8175,
8.1412


 13.8310, 23.2543,
8.0412

 19.4350, 20.4915,
7.5115

 24.1530, 18.1656,
6.8818

 28.5720, 15.9870,
5.6374

 33.2900, 13.6610,
5.0077

 38.5950, 11.0457,
3.8632

■ 43.3130, 8.7197,
3.2335

■ 47.7320, 6.5411,
1.9890

■ 52.4500, 4.2152,
1.3594

■ 57.1680, 1.8892,
0.7297

Harmonies

Analogous

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



19.4750, 26.3878, -17.0796



14.7170, 22.8175, 8.1412



20.4780, 8.6383, 29.3988

Triad

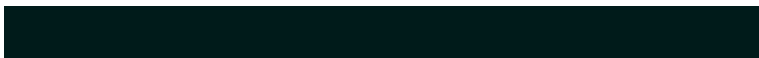
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.7170, 22.8175, 8.1412



15.1830, -7.4852, 20.8875



18.8130, 3.5432, -16.4990

Complementary

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



14.7170, 22.8175, 8.1412



47.2830, -22.8175, -8.1412

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.



15.2620, -7.5242, -13.3848



14.7170, 22.8175, 8.1412



14.7300, -7.2619, -4.1482

Square

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



14.7170, 22.8175, 8.1412



16.4450, -8.1074, 33.8127



15.2620, -7.5242, -13.3848



22.4780, 15.0473, -19.7132

Rectangle

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



14.7170, 22.8175, 8.1412



20.4050, -0.6927, 35.6018



15.2620, -7.5242, -13.3848



16.9720, -0.9722, -14.8844

Sweetspot

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



14.7170, 22.8175, 8.1412



60.4270, 9.1565, 3.1335



29.5590, 15.5004, -25.0462



29.5040, 5.6675, 2.1890



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



14.7170, 22.8175, 8.1412



17.9760, 30.0848, 10.5450



23.6870, 18.3953, 26.5845



28.6410, 1.1630, 0.3148



21.4800, 35.7524, 12.7340



50.7230, 84.4396, 30.0609

Inverse Universe

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



23.1580, 7.3171, 33.1874



29.2070, 9.7579, 43.6685



38.3130, -18.3953, -26.5845



29.0110, -0.0054, 1.7444



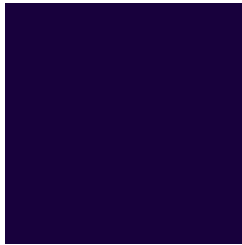
34.7180, 11.4780, 51.9903



81.9960, 27.1170, 122.7835

Previews

White Background



This preview shows how the YUV color 14.7170, 22.8175, 8.1412 looks on a white background.

Color Contrast Check

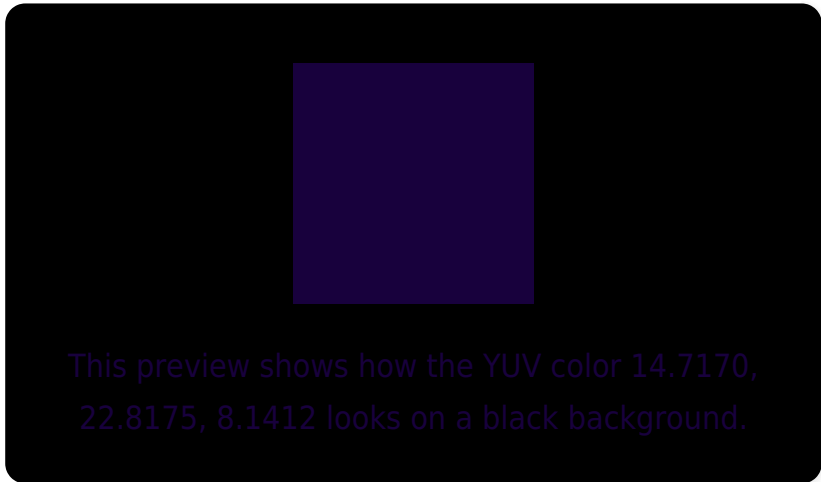
Large Text (above 18pt) WCAG AA ✓ Pass

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

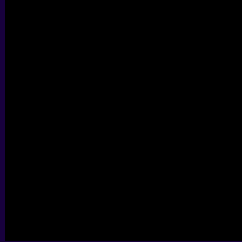
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.7170, 22.8175, 8.1412

Background



This preview shows how black text looks on a background with the YUV color 14.7170, 22.8175, 8.1412.



This preview shows how white text looks on a background with the YUV color 14.7170, 22.8175,

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

14.7170, 22.8175, 8.1412

Protanopia

17.3430, 13.1419, -15.2098

Deuteranopia

17.1320, 9.7949, -15.0248



Tritanopia

18.5470, 3.6743, -11.8807

Trichromacy



Original Color

14.7170, 22.8175, 8.1412

Protanomaly

16.6090, 16.4618, -6.6731

Deuteranomaly

16.1530, 14.7146, -6.2732

Tritanomaly

17.4260, 10.6360, -4.7586

Monochromacy



Original Color

14.7170, 22.8175, 8.1412

Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

14.9000, 8.4303, 2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.7170, 22.8175, 8.1412 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, 1, 61)` looks like.

```
.text, #text, p{  
    color:rgb(24, 1, 61)  
}
```

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, 1, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 1, 61) }
```

Border

The CSS property to change the border of an element to YUV 14.7170, 22.8175, 8.1412 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, 1, 61) }
```


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

```
.border{ border-color:rgb(24, 1, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 1, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 1, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(24, 1, 61); box-shadow:4px  
4px 4px 4px rgb(24, 1, 61) }
```

Background

The CSS property to change the background color of an element to YUV 14.7170, 22.8175, 8.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 1, 61) }
```

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

```
.background{ background-color: rgb(24, 1,  
61) }
```

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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