

Converting Colors

YUV(14.0700, 7.3605, 19.2326)

Have a look what the booklet for
YUV(14.0700, 7.3605, 19.2326)
contains.

YUV(14.0700, 7.3605, 19.2326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(14.0700, 7.3605,
19.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	24001D
RGB	36, 0, 29
RGB Percent	14%, 0%, 11%
CMY	0.8588, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.19, 0.86
HSL	312°, 100%, 7%
HSV	312°, 100%, 14%
XYZ	0.9493, 0.4638, 1.2019
YIQ	14.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

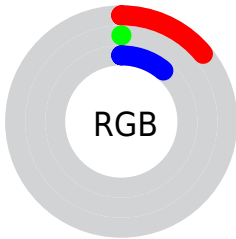
Format	Color
R_{YB}	36, 0, 29
Decimal	2359325
CIE Lab	4.19, 20.66, -9.72
CIE LCh	4, 22.829, 334.795
Yxy	0.4638, 0.3630, 0.1774
Android (android.graphics.Color)	4280549405 (0xFF24001D)
YUV	14.0700, 7.3605, 19.2326
Hunter-Lab	6.8101, 12.9651, -5.6967

Details

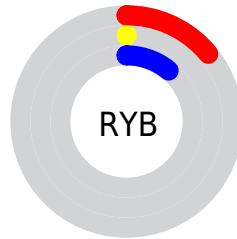
The YUV color **14.0700, 7.3605, 19.2326** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.9300, -7.3605, -19.2326**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.4290, 6.1975, 18.9178**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.0700, 7.3605, 19.2326**, and if you desaturate by 10%, it is **16.5320, 6.6397, 17.0734**.

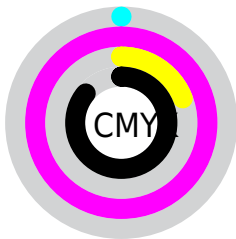
Distribution



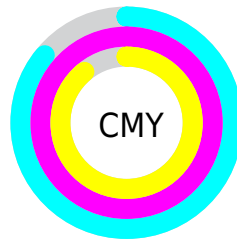
- Red (14%)
- Green (0%)
- Blue (11%)



- Red (14%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (86%)



- Cyan (86%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.0700, 7.3605, 19.2326 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 14.0700, 7.3605, 19.2326 by changing the saturation by 10% instead.

■ 14.0700, 7.3605,
19.2326

■ 14.0700, 7.3605,
19.2326

■ 237.3900, 8.6817,
15.4440

■ 0.0000, 0.0000,
0.0000

■ 59.4290, 6.1975,
18.9178

■ 83.1410, 6.3395,
20.0473

■ 107.5540, 6.6289,
20.5621

■ 132.6790, 7.0603,
22.2065

■ 158.9780, 6.9128,
22.8213


■ 186.3910, 7.2022,


23.3361

 213.8040, 7.4916,
23.8509


 14.0700, 7.3605,
19.2326

 16.5320, 6.6397,
17.0734

 18.2930, 5.7716,
15.5290

 20.7550, 5.0508,
13.3699

 22.6300, 4.6194,
11.7255

 25.0920, 3.8986,
9.5663

■ 27.4400, 2.7411,
7.5071

■ 29.3150, 2.3097,
5.8627

■ 31.7770, 1.5889,
3.7036

■ 33.5380, 0.7208,
2.1592

Harmonies

Analogous

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



14.6490, 12.4980, 4.6928



14.0700, 7.3605, 19.2326



13.9260, -0.9495, 24.6209

Triad

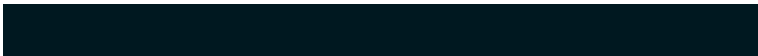
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.0700, 7.3605, 19.2326



13.8880, -6.8468, 2.7292



17.7360, 7.0322, -15.5545

Complementary

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



14.0700, 7.3605, 19.2326



21.9300, -7.3605, -19.2326

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.



16.0260, 0.4802, -14.0548



14.0700, 7.3605, 19.2326



12.3270, -6.0772, -10.8108

Square

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



14.0700, 7.3605, 19.2326



13.9760, -6.8902, 16.6840



13.5010, -6.6560, -11.8404



17.2290, 12.7051, -15.1098

Rectangle

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



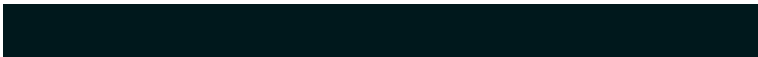
14.0700, 7.3605, 19.2326



12.8570, -6.3385, 26.4354



13.5010, -6.6560, -11.8404



17.2800, 5.2850, -15.1546

Sweetspot

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



14.0700, 7.3605, 19.2326



37.4400, 2.7411, 7.5071



6.1970, 14.6929, 0.7042



18.0760, 1.4415, 4.3183



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



14.0700, 7.3605, 19.2326



17.9720, 9.3808, 24.5806



12.0180, -0.5019, 21.0322



16.8260, 0.5788, 1.0296



32.0420, 16.7413, 43.8132



81.6430, 42.5740, 111.6921

Inverse Universe

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



14.0700, 7.3605, 19.2326



17.9720, 9.3808, 24.5806



23.9820, 0.5019, -21.0322



16.8260, 0.5788, 1.0296



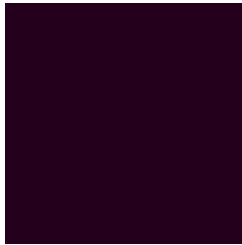
32.0420, 16.7413, 43.8132



81.6430, 42.5740, 111.6921

Previews

White Background



This preview shows how the YUV color 14.0700, 7.3605, 19.2326 looks on a white background.

Color Contrast Check

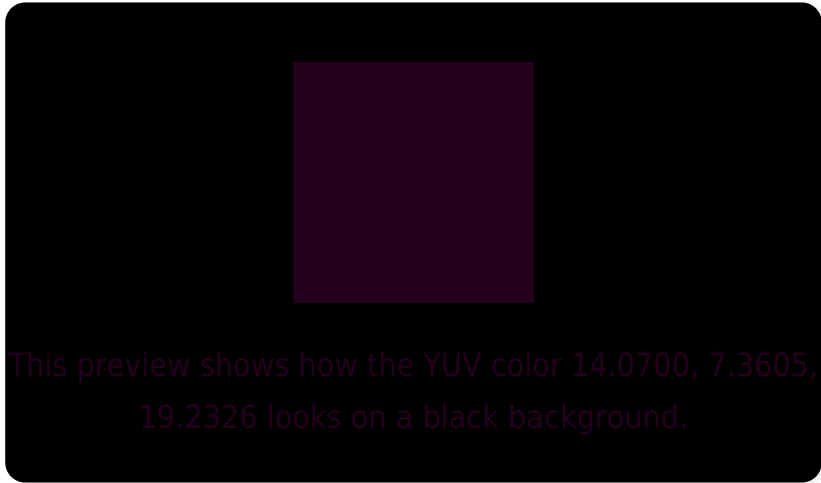
Large Text (above 18pt) WCAG AA ✓ Pass

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

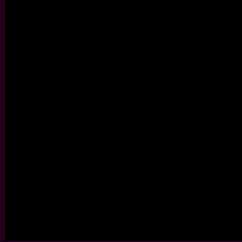
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.0700, 7.3605, 19.2326

Background



This preview shows how black text looks on a background with the YUV color 14.0700, 7.3605, 19.2326.



This preview shows how white text looks on a background with the YUV color 14.0700, 7.3605,

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



Protanopia

15.8270, 12.4103, -13.8803

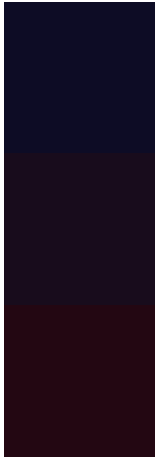
Deuteranopia

19.3140, 3.7892, -2.0294

Tritanopia

18.2900, -3.1010, 14.6547

Trichromacy



Protanomaly

15.1490, 10.7725, -1.8847

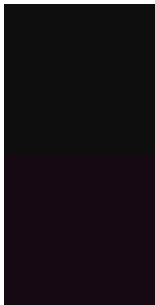
Deuteranomaly

17.4120, 5.2199, 5.7777

Tritanomaly

16.6260, 0.6774, 16.1140

Monochromacy



Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

14.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.0700, 7.3605, 19.2326 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(36, 0, 29)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 29)  
}
```

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(36, 0, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 29) }
```

Border

The CSS property to change the border of an element to YUV 14.0700, 7.3605, 19.2326 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(36, 0, 29) }
```

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

```
.border{ border-color:rgb(36, 0, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 0, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 0, 29); box-shadow:4px  
4px 4px 4px rgb(36, 0, 29) }
```


Background

The CSS property to change the background color of an element to YUV 14.0700, 7.3605, 19.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 29) }
```

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

```
.background{ background-color: rgb(36, 0,  
29) }
```

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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