

Converting Colors

YUV(14.2630, 31.4223, 1.5233)

Have a look what the booklet for
YUV(14.2630, 31.4223, 1.5233)
contains.

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Color

**YUV(14.2630, 31.4223,
1.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	10014E
RGB	16, 1, 78
RGB Percent	6%, 0%, 31%
CMY	0.9373, 0.9961, 0.6941
CMYK	0.79, 0.99, 0.00, 0.69
HSL	252°, 97%, 15%
HSV	252°, 99%, 31%
XYZ	1.5997, 0.6819, 7.2550
YIQ	14.2630, -15.7770, 27.1270

Conversions

Conversions Part 2

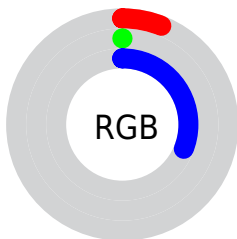
Format	Color
R_{YB}	16, 1, 78
Decimal	1048910
CIE Lab	6.16, 32.62, -42.88
CIE LCh	6, 53.873, 307.263
Yxy	0.6819, 0.1677, 0.0715
Android (android.graphics.Color)	4279238990 (0xFF10014E)
YUV	14.2630, 31.4223, 1.5233
Hunter-Lab	8.2579, 20.1271, -46.3093

Details

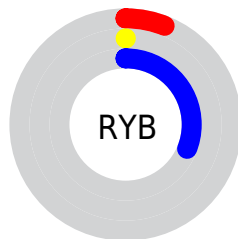
The YUV color **14.2630, 31.4223, 1.5233** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **64.7370, -31.4223, -1.5233**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.5350, 32.2742, 8.3008**, and **4.8220, 13.3988, -4.2289** is the 20% darker color. If you saturate the color by 10%, you get **13.3770, 31.8591, 1.4234**, and if you desaturate by 10%, it is **20.7530, 28.2228, 1.0936**.

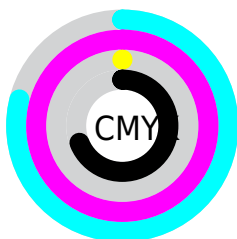
Distribution



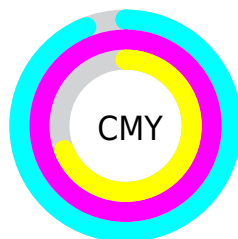
- Red (6%)
- Green (0%)
- Blue (31%)



- Red (6%)
- Yellow (0%)
- Blue (31%)



- Cyan (79%)
- Magenta (99%)
- Yellow (0%)
- Black (69%)



- Cyan (94%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.2630, 31.4223, 1.5233 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 14.2630, 31.4223, 1.5233 by changing the saturation by 10% instead.

■ 14.2630, 31.4223,
1.5233

■ 14.2630, 31.4223,
1.5233

■ 237.9770, 8.3923,
14.9292

■ 6.2700, 24.0239,
-5.4988

■ 62.5350, 32.2742,
8.3008

■ 4.8220, 13.3988,
-4.2289

■ 86.8880, 33.5792,
9.7452

■ 0.4560, 1.7472,
-0.3999

■ 111.8280, 34.5948,
10.6748


■ 0.0000, 0.0000,
0.0000


■ 138.0670, 35.4630,
12.2192


■ 164.5940, 36.1892,
12.6341


■ 191.0520, 31.5264,


14.8634


 215.5720, 19.4380,
18.7924


 14.2630, 31.4223,
1.5233


 14.2630, 31.4223,
1.5233


 13.3770, 31.8591,
1.4234

 20.7530, 28.2228,
1.0936

 27.5420, 24.8758,
1.2787

 33.4450, 21.9656,
1.3637

 39.9350, 18.7660,
0.9340

 46.4250, 15.5665,
0.5043

■ 53.2140, 12.2195,
0.6893

■ 59.7040, 9.0199,
0.2596

■ 65.6070, 6.1097,
0.3447

■ 72.3960, 2.7628,
0.5297

Harmonies

Analogous

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



24.6900, 33.6768, -21.6531



14.2630, 31.4223, 1.5233



24.6080, 11.5323, 34.5468

Triad

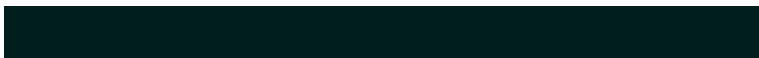
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.2630, 31.4223, 1.5233



16.4010, -8.0857, 26.8353



20.8020, 3.5486, -18.2434

Complementary

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



14.2630, 31.4223, 1.5233



64.7370, -31.4223, -1.5233

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.



17.6100, -8.6817, -15.4440



14.2630, 31.4223, 1.5233



17.6980, -8.7251, -1.4891

Square

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



14.2630, 31.4223, 1.5233



19.7340, -9.7289, 40.5753



17.6100, -8.6817, -15.4440



25.9660, 18.2578, -22.7722

Rectangle

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



14.2630, 31.4223, 1.5233



24.6770, 0.1592, 42.3793



17.6100, -8.6817, -15.4440



19.2060, -2.5666, -16.8437

Sweetspot

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



14.2630, 31.4223, 1.5233



76.3280, 12.6563, 0.5893



46.7590, 15.4018, -40.1306



35.9490, 7.4201, 0.0447



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



14.2630, 31.4223, 1.5233



17.6080, 41.6053, 2.0978



25.6250, 25.8209, 24.8849



34.7550, 1.5998, 0.2149



39.6750, 93.8302, 4.6700

Inverse Universe

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



31.0910, 15.7311, 41.1392



39.8460, 20.7819, 54.5091



53.3750, -25.8209, -24.8849



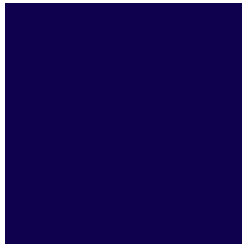
35.6520, 1.1576, 2.0592



89.8600, 46.9040, 122.9028

Previews

White Background



This preview shows how the YUV color 14.2630, 31.4223, 1.5233 looks on a white background.

Color Contrast Check

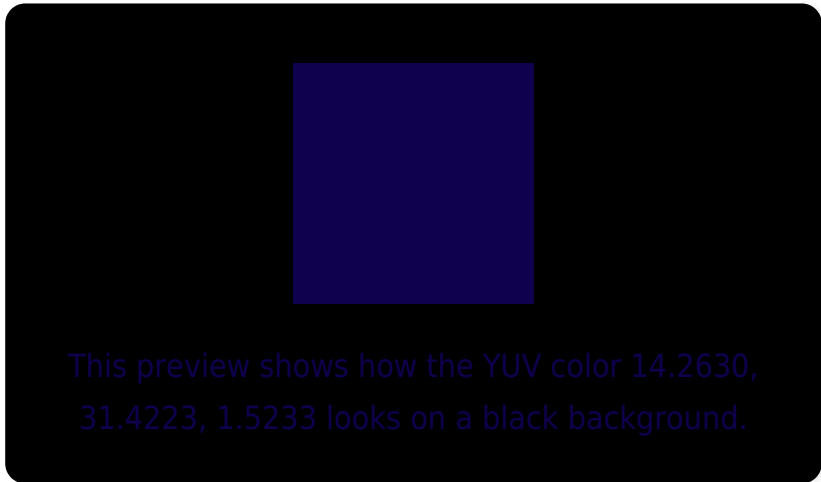
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2630, 31.4223, 1.5233

Background



This preview shows how black text looks on a background with the YUV color 14.2630, 31.4223, 1.5233.



This preview shows how white text looks on a background with the YUV color 14.2630, 31.4223,

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

14.2630, 31.4223, 1.5233

Protanopia

19.7880, 14.8945, -17.3541

Deuteranopia

19.4630, 11.1107, -17.0691

Trichromacy



Original Color

14.2630, 31.4223, 1.5233

Protanomaly

18.0260, 20.6932, -10.5468

Deuteranomaly

17.4560, 18.5092, -10.0469

Monochromacy



Original Color

14.2630, 31.4223, 1.5233

Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

13.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.2630, 31.4223, 1.5233 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(16, 1, 78)` looks like.

```
.text, #text, p{  
    color:rgb(16, 1, 78)  
}
```

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(16, 1, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 1, 78) }
```

Border

The CSS property to change the border of an element to YUV 14.2630, 31.4223, 1.5233 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(16, 1, 78) }
```

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

```
.border{ border-color:rgb(16, 1, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 1, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 1, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(16, 1, 78); box-shadow:4px  
4px 4px 4px rgb(16, 1, 78) }
```

Background

The CSS property to change the background color of an element to YUV 14.2630, 31.4223, 1.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 1, 78) }
```

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

```
.background{ background-color: rgb(16, 1,  
78) }
```

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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