

Converting Colors

YUV(32.4700, 14.0653, 15.3738)

Have a look what the booklet for
YUV(32.4700, 14.0653, 15.3738)
contains.

YUV(32.4700, 14.0653, 15.3738)	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>	31

Color

**YUV(32.4700, 14.0653,
15.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	32123D
RGB	50, 18, 61
RGB Percent	20%, 7%, 24%
CMY	0.8039, 0.9294, 0.7608
CMYK	0.18, 0.70, 0.00, 0.76
HSL	285°, 54%, 15%
HSV	285°, 70%, 24%
XYZ	2.3740, 1.4476, 4.5692
YIQ	32.4700, 5.2690, 20.1570

Conversions

Conversions Part 2

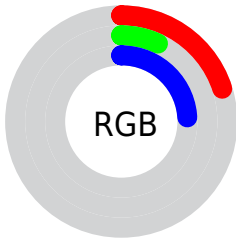
Format	Color
RYB	50, 18, 61
Decimal	3281469
CIELab	12.27, 24.30, -20.76
CIELCh	12, 31.957, 319.493
Yxy	1.4476, 0.2829, 0.1725
Android (android.graphics.Color)	4281471549 (0xFF32123D)
YUV	32.4700, 14.0653, 15.3738
Hunter-Lab	12.0318, 14.1643, -14.0936

Details

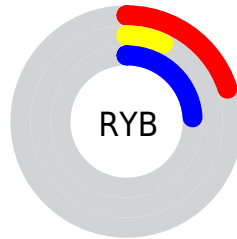
The YUV color **32.4700, 14.0653, 15.3738** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.5300, -14.0653, -15.3738**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.7090, 14.9335, 16.9182**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **28.3500, 16.0965, 17.2330**, and if you desaturate by 10%, it is **36.5900, 12.0341, 13.5146**.

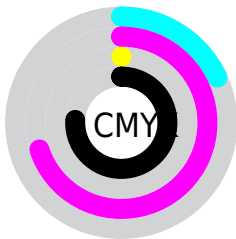
Distribution



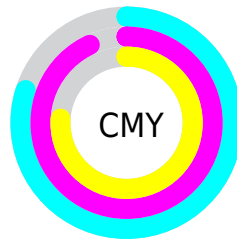
- Red (20%)
- Green (7%)
- Blue (24%)



- Red (20%)
- Yellow (7%)
- Blue (24%)



- Cyan (18%)
- Magenta (70%)
- Yellow (0%)
- Black (76%)



- Cyan (80%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.4700, 14.0653, 15.3738 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 32.4700, 14.0653, 15.3738 by changing the saturation by 10% instead.

■ 32.4700, 14.0653,
15.3738

■ 32.4700, 14.0653,
15.3738

■ 250.3040, 2.3151,
4.1184

■ 13.7150, 12.4655,
15.1589

■ 78.7090, 14.9335,
16.9182

■ 2.5250, 7.1362,
-2.2144

■ 102.5350, 15.5122,
17.9478

■ 0.0000, 0.0000,
0.0000

■ 128.3610, 16.0910,
18.9774

■ 154.7740, 16.3804,
19.4922

■ 181.1870, 16.6698,
20.0070

■ 209.0130, 17.2486,

21.0366

233.2810, 10.7075,
19.0476

32.4700, 14.0653,
15.3738

32.4700, 14.0653,
15.3738

28.3500, 16.0965,
17.2330

36.5900, 12.0341,
13.5146

24.5290, 17.9802,
19.7071

40.4110, 10.1504,
11.0406

20.4090, 20.0114,
21.5663

44.5310, 8.1192,
9.1813

48.3520, 6.2355,
6.7073

53.0590, 3.9149,
4.3333

■ 56.8800, 2.0312,
1.8592

■ 61.0000, 0.0000,
0.0000

■ 64.8210, -1.8838,
-2.4740

■ 68.9410, -3.9149,
-4.3333

Harmonies

Analogous

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



27.8400, 22.7569, -19.1537



32.4700, 14.0653, 15.3738



27.6420, 6.5855, 34.5170

Triad

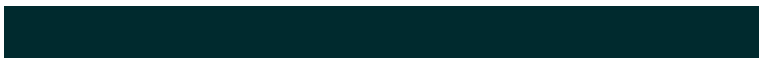
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.4700, 14.0653, 15.3738



30.7880, -15.1785, 15.0949



29.8980, 7.9383, -26.2205

Complementary

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



32.4700, 14.0653, 15.3738



46.5300, -14.0653, -15.3738

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.



26.6890, -1.8187, -23.4063



32.4700, 14.0653, 15.3738



28.9170, -14.2561, -0.8042

Square

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



32.4700, 14.0653, 15.3738



28.8160, -14.2063, 29.9794



23.1920, -11.4337, -19.4624



31.4770, 16.5268, -27.6053

Rectangle

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



32.4700, 14.0653, 15.3738



25.6550, 0.1701, 38.8906



23.1920, -11.4337, -19.4624



29.1000, 4.8807, -25.5207

Sweetspot

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



32.4700, 14.0653, 15.3738



67.8250, 5.5093, 6.2925



29.3590, 15.5990, -9.9618



34.2330, 3.3361, 3.3037



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.



32.4700, 14.0653, 15.3738



34.5880, 21.8951, 24.0403



34.6190, 8.0758, 23.1361



28.9400, 1.0156, 0.9296



31.6460, 30.7405, 33.6365



74.6430, 72.6470, 79.2431

Inverse Universe

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



32.1110, -1.5337, 25.3357



33.9710, -2.4507, 39.4904



44.3810, -8.0758, -23.1361



28.8970, -0.4422, 1.8443



30.8420, -3.3731, 55.3896



72.8760, -7.8269, 130.7817

Previews

White Background



This preview shows how the YUV color 32.4700, 14.0653, 15.3738 looks on a white background.

Color Contrast Check

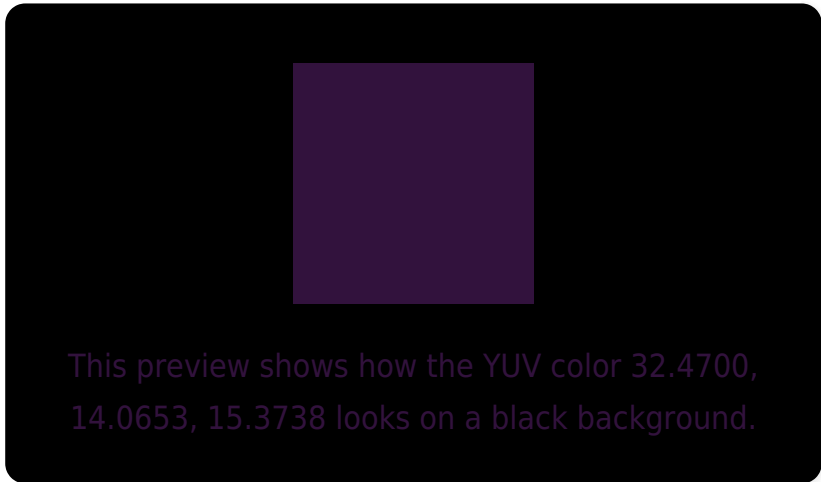
Large Text (above 18pt) WCAG AA ✓ Pass

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

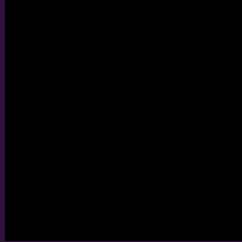
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.4700, 14.0653, 15.3738

Background



This preview shows how black text looks on a background with the YUV color 32.4700, 14.0653, 15.3738.



This preview shows how white text looks on a background with the YUV color 32.4700, 14.0653,

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

32.4700, 14.0653, 15.3738

Protanopia

26.5360, 20.4418, -23.2721

Deuteranopia

30.1580, 13.7261, -15.9246



Tritanopia

33.6100, -1.7797, 10.8660

Trichromacy



Original Color

32.4700, 14.0653, 15.3738

Protanomaly

28.6410, 17.9250, -9.3322

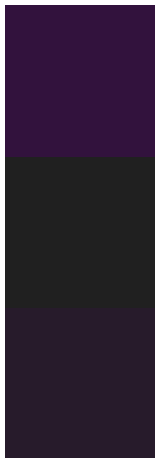
Deuteranomaly

30.9360, 13.8356, -4.3289

Tritanomaly

32.8150, 4.0352, 12.4402

Monochromacy



Original Color

32.4700, 14.0653, 15.3738

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.4120, 5.2199, 5.7777

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.4700, 14.0653, 15.3738 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(50, 18, 61)` looks like.

```
.text, #text, p{  
    color:rgb(50, 18, 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(50, 18, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 18, 61) }
```

Border

The CSS property to change the border of an element to YUV 32.4700, 14.0653, 15.3738 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(50, 18, 61) }
```


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

```
.border{ border-color:rgb(50, 18, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 18, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 18, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 18, 61);  
box-shadow:4px 4px 4px 4px rgb(50, 18, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.4700, 14.0653, 15.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 18, 61) }
```

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

```
.background{ background-color: rgb(50, 18,  
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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