

Converting Colors

YUV(30.0250, -0.9983, 40.3201)

Have a look what the booklet for
YUV(30.0250, -0.9983, 40.3201)
contains.

YUV(30.0250, -0.9983, 40.3201)	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(30.0250, -0.9983,
40.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	4C071C
RGB	76, 7, 28
RGB Percent	30%, 3%, 11%
CMY	0.7020, 0.9725, 0.8902
CMYK	0.00, 0.91, 0.63, 0.70
HSL	342°, 83%, 16%
HSV	342°, 91%, 30%
XYZ	3.2661, 1.7723, 1.2686
YIQ	30.0250, 34.3830, 21.1590

Conversions

Conversions Part 2

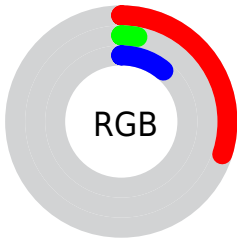
Format	Color
R_{YB}	76, 7, 28
Decimal	4982556
CIE _{Lab}	14.24, 32.19, 6.80
CIE _{LCh}	14, 32.904, 11.935
Yxy	1.7723, 0.5179, 0.2810
Android (android.graphics.Color)	4283172636 (0xFF4C071C)
YUV	30.0250, -0.9983, 40.3201
Hunter-Lab	13.3128, 20.4947, 3.6693

Details

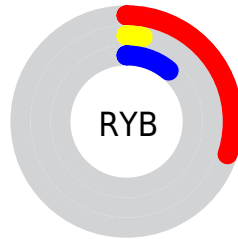
The YUV color **30.0250, -0.9983, 40.3201** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.9750, 0.9983, -40.3201**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.7110, -4.7875, 42.3495**, and **5.3820, -2.6533, 11.0660** is the 20% darker color. If you saturate the color by 10%, you get **25.3460, -1.1566, 44.4236**, and if you desaturate by 10%, it is **35.2910, -1.1295, 35.7018**.

Distribution



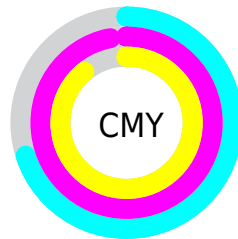
- Red (30%)
- Green (3%)
- Blue (11%)



- Red (30%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (91%)
- Yellow (63%)
- Black (70%)





- Cyan (70%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 30.0250, -0.9983, 40.3201 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 30.0250, -0.9983, 40.3201 by changing the saturation by 10% instead.


 30.0250, -0.9983,
40.3201

 30.0250, -0.9983,
40.3201

 248.5430, 3.1833,
5.6628

 15.5480, -7.6652,
31.9684

 80.7110, -4.7875,
42.3495

 5.3820, -2.6533,
11.0660

 105.9070, -5.3772,
44.8086

 0.0000, 0.0000,
0.0000

 131.6900, -6.2562,
46.7529


 158.2880, -6.5510,
47.9824


 186.0710, -7.4300,
49.9267


 208.7000, -4.7821,


40.6051


 228.3280, -0.6547,
23.3913


 30.0250, -0.9983,
40.3201


 30.0250, -0.9983,
40.3201


 25.3460, -1.1566,
44.4236

 35.2910, -1.1295,
35.7018

 40.0840, -0.5344,
31.4983

 45.3500, -0.6656,
26.8800

 50.0290, -0.5073,
22.7766

 55.2950, -0.6384,
18.1583

■ 60.6750, -0.3328,
13.4400

■ 65.3540, -0.1745,
9.3365

■ 70.6200, -0.3057,
4.7183

■ 75.4130, 0.2894,
0.5148

Harmonies

Analogous

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



33.2010, 8.7749, 32.2727



30.0250, -0.9983, 40.3201



31.7950, -15.6749, 34.3828

Triad

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



30.0250, -0.9983, 40.3201



29.1280, -14.3601, -14.1443



34.3610, 22.5000, -30.1346

Complementary

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



30.0250, -0.9983, 40.3201



52.9750, 0.9983, -40.3201

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.



34.6400, 15.9535, -30.3793



30.0250, -0.9983, 40.3201



28.8090, -3.8498, -25.2655

Square

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



30.0250, -0.9983, 40.3201



33.6680, -16.5983, 3.7992



32.1320, 6.3439, -28.1798



30.4800, 25.3994, -26.7310

Rectangle

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



30.0250, -0.9983, 40.3201



34.0990, -16.8108, 25.3462



32.1320, 6.3439, -28.1798



34.6060, 20.9002, -30.3495

Sweetspot

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



30.0250, -0.9983, 40.3201



81.6860, -0.3382, 15.1844



28.9190, 23.2109, 21.9960



40.3540, -0.1745, 9.3365



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.



30.0250, -0.9983, 40.3201



33.0210, -1.4894, 57.8636



35.2620, -13.9332, 35.7272



35.4240, 0.2840, 2.2592



34.0320, -1.4948, 59.6079



76.7500, -3.3277, 134.4002

Inverse Universe

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



30.0250, -0.9983, 40.3201



33.0210, -1.4894, 57.8636



47.7380, 13.9332, -35.7272



35.4240, 0.2840, 2.2592



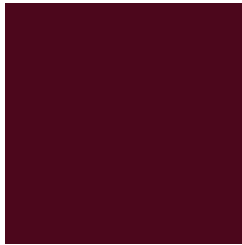
34.0320, -1.4948, 59.6079



76.7500, -3.3277, 134.4002

Previews

White Background



This preview shows how the YUV color 30.0250, -0.9983, 40.3201 looks on a white background.

Color Contrast Check

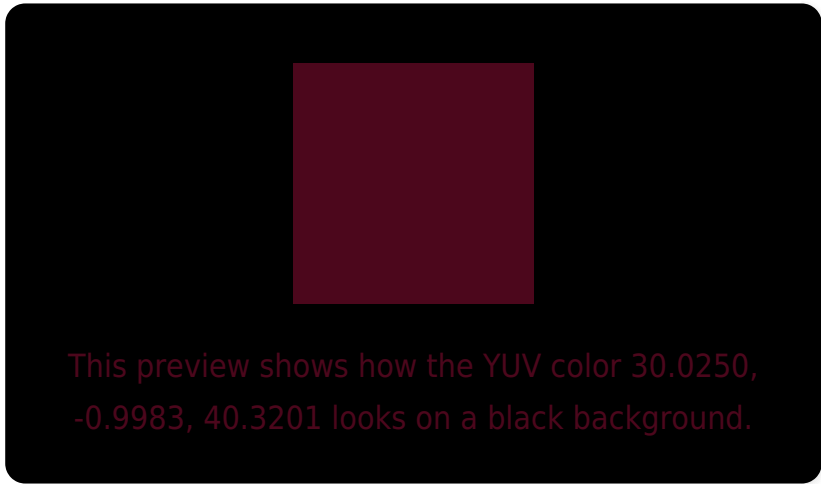
Large Text (above 18pt) WCAG AA ✓ Pass

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

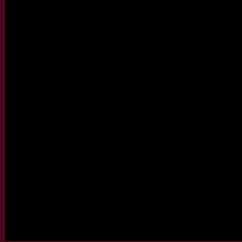
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0250, -0.9983, 40.3201

Background



This preview shows how black text looks on a background with the YUV color 30.0250, -0.9983, 40.3201.



This preview shows how white text looks on a background with the YUV color 30.0250, -0.9983,

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

30.0250, -0.9983, 40.3201

Protanopia

39.5270, 0.7262, 0.4148

Deuteranopia

38.6220, -6.7156, 7.3475



Tritanopia

31.4240, -9.5760, 38.2162

Trichromacy



Original Color

30.0250, -0.9983, 40.3201

Protanomaly

35.8000, 0.0986, 15.0844

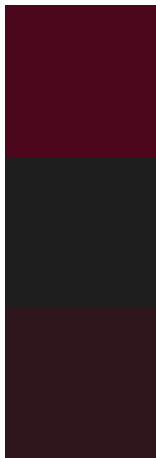
Deuteranomaly

35.5680, -4.7170, 19.6729

Tritanomaly

30.9340, -6.3765, 38.6459

Monochromacy



Original Color

30.0250, -0.9983, 40.3201

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.2730, -0.6276, 14.6696

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0250, -0.9983, 40.3201 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(76, 7, 28)` looks like.

```
.text, #text, p{  
    color:rgb(76, 7, 28)  
}
```

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(76, 7, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 7, 28) }
```

Border

The CSS property to change the border of an element to YUV 30.0250, -0.9983, 40.3201 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(76, 7, 28) }
```


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

```
.border{ border-color:rgb(76, 7, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 7, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 7, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 7, 28); box-shadow:4px  
4px 4px 4px rgb(76, 7, 28) }
```

Background

The CSS property to change the background color of an element to YUV 30.0250, -0.9983, 40.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 7, 28) }
```

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

```
.background{ background-color: rgb(76, 7,  
28) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor