

Converting Colors

YUV(16.7310, -1.8394, 30.0539)

Have a look what the booklet for
YUV(16.7310, -1.8394, 30.0539)
contains.

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Color

**YUV(16.7310, -1.8394,
30.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	33000D
RGB	51, 0, 13
RGB Percent	20%, 0%, 5%
CMY	0.8000, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.75, 0.80
HSL	345°, 100%, 10%
HSV	345°, 100%, 20%
XYZ	1.4379, 0.7329, 0.4464
YIQ	16.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

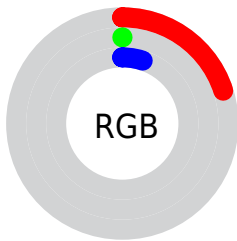
Format	Color
R_{YB}	51, 0, 13
Decimal	3342349
CIE Lab	6.62, 26.16, 5.03
CIE LCh	7, 26.640, 10.879
Yxy	0.7329, 0.5494, 0.2800
Android (android.graphics.Color)	4281532429 (0xFF33000D)
YUV	16.7310, -1.8394, 30.0539
Hunter-Lab	8.5608, 15.0000, 2.9006

Details

The YUV color **16.7310, -1.8394, 30.0539** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.2690, 1.8394, -30.0539**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.9980, -3.4500, 33.3278**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.7310, -1.8394, 30.0539**, and if you desaturate by 10%, it is **20.1220, -1.5391, 27.0800**.

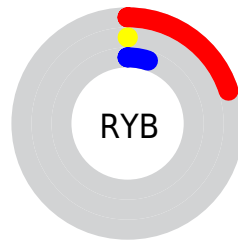
Distribution



Red (20%)

Green (0%)

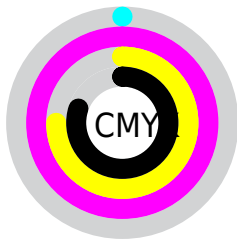
Blue (5%)



Red (20%)

Yellow (0%)

Blue (5%)

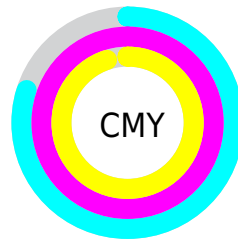


Cyan (0%)

Magenta (100%)

Yellow (75%)

Black (80%)



Cyan (80%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.7310, -1.8394, 30.0539 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 16.7310, -1.8394, 30.0539 by changing the saturation by 10% instead.

■ 16.7310, -1.8394,
30.0539

■ 16.7310, -1.8394,
30.0539

■ 236.5120, 0.2406,
16.2140

■ 7.2900, -3.1010,
14.6547

■ 62.9980, -3.4500,
33.3278

■ 0.0000, 0.0000,
0.0000

■ 87.4820, -4.1816,
34.6573

■ 112.3790, -4.6238,
36.5016

■ 138.2760, -5.0661,
38.3459

■ 164.8740, -5.3609,
39.5755

■ 192.4720, -5.6557,

40.8051

■ 216.7700, -4.3236,
33.5277

■ 16.7310, -1.8394,
30.0539

■ 20.1220, -1.5391,
27.0800

■ 23.5130, -1.2389,
24.1061

■ 26.7900, -1.3755,
21.2322

■ 30.1810, -1.0752,
18.2583

■ 34.1590, -1.0644,
14.7696

■ 37.5500, -0.7641,
11.7957

■ 40.9410, -0.4639,
8.8217

■ 44.2180, -0.6005,
5.9478

■ 47.6090, -0.3002,
2.9739

Harmonies

Analogous

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



19.2770, 6.7654, 23.4361



16.7310, -1.8394, 30.0539



17.5750, -8.6645, 25.8057

Triad

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



16.7310, -1.8394, 30.0539



15.8490, -7.8136, -13.8996



21.4180, 16.0629, -18.7836

Complementary

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



16.7310, -1.8394, 30.0539



34.2690, 1.8394, -30.0539

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.



22.5120, 10.1006, -19.7430



16.7310, -1.8394, 30.0539



17.8380, -7.8081, -15.6439

Square

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



16.7310, -1.8394, 30.0539



19.1930, -9.4621, 1.5847



21.2750, 2.8224, -18.6582



18.5970, 17.9467, -16.3096

Rectangle

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



16.7310, -1.8394, 30.0539



19.3030, -9.5164, 19.0283



21.2750, 2.8224, -18.6582



22.2500, 14.1738, -19.5132

Sweetspot

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



16.7310, -1.8394, 30.0539



52.5500, -0.7641, 11.7957



16.8770, 16.8226, 17.6479



24.9300, -0.4585, 7.0774



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



16.7310, -1.8394, 30.0539



21.6720, -2.3033, 38.8757



22.2930, -10.9904, 25.1760



24.0110, -0.0054, 1.7444



29.2330, -3.0729, 52.4157



71.1530, -7.9634, 127.9078

Inverse Universe

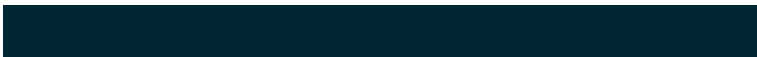
The Inverse Universe completely reimagines the original color for something new.



16.7310, -1.8394, 30.0539



21.6720, -2.3033, 38.8757



28.7070, 10.9904, -25.1760



24.0110, -0.0054, 1.7444



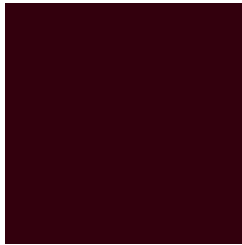
29.2330, -3.0729, 52.4157



71.1530, -7.9634, 127.9078

Previews

White Background



This preview shows how the YUV color 16.7310, -1.8394, 30.0539 looks on a white background.

Color Contrast Check

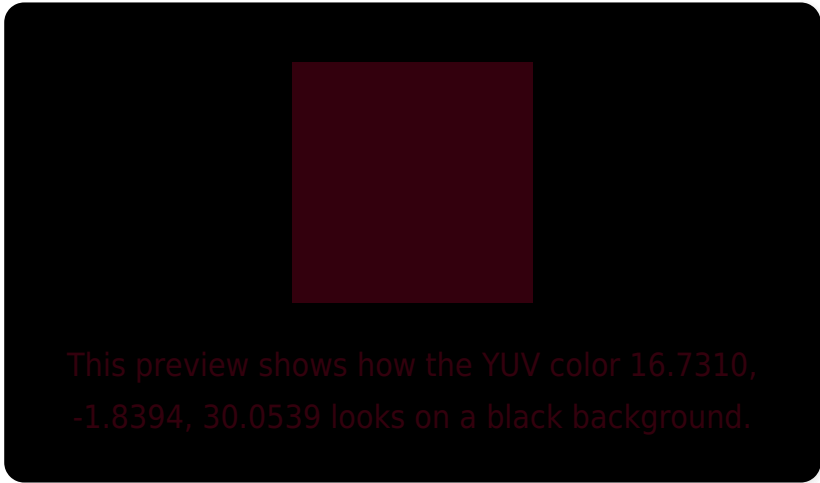
Large Text (above 18pt) WCAG AA ✓ Pass

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

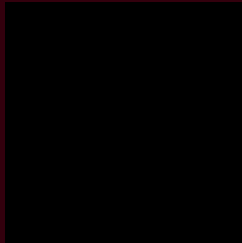
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.7310, -1.8394, 30.0539

Background



This preview shows how black text looks on a background with the YUV color 16.7310, -1.8394, 30.0539.



This preview shows how white text looks on a background with the YUV color 16.7310, -1.8394,

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

16.7310, -1.8394, 30.0539

Protanopia

25.9140, -2.9156, 1.8294

Deuteranopia

25.3830, -7.5838, 5.8031



Tritanopia

18.6400, -7.2175, 28.3797

Trichromacy



Original Color

16.7310, -1.8394, 30.0539

Protanomaly

22.6810, -2.8007, 11.6808

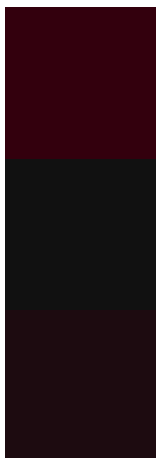
Deuteranomaly

22.3070, -5.5744, 14.6398

Tritanomaly

17.8080, -5.3283, 29.1094

Monochromacy



Original Color

16.7310, -1.8394, 30.0539

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

16.9520, -0.4693, 10.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.7310, -1.8394, 30.0539 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(51, 0, 13)` looks like.

```
.text, #text, p{  
    color:rgb(51, 0, 13)  
}
```

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(51, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 0, 13) }
```

Border

The CSS property to change the border of an element to YUV 16.7310, -1.8394, 30.0539 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(51, 0, 13) }
```


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

```
.border{ border-color:rgb(51, 0, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 0, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 0, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 0, 13); box-shadow:4px  
4px 4px 4px rgb(51, 0, 13) }
```

Background

The CSS property to change the background color of an element to YUV 16.7310, -1.8394, 30.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 0, 13) }
```

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

```
.background{ background-color: rgb(51, 0,  
13) }
```

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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