

Converting Colors

YUV(30.9080, 3.0034, 16.7437)

Have a look what the booklet for
YUV(30.9080, 3.0034, 16.7437)
contains.

YUV(30.9080, 3.0034, 16.7437)	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(30.9080, 3.0034,
16.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	321425
RGB	50, 20, 37
RGB Percent	20%, 8%, 15%
CMY	0.8039, 0.9216, 0.8549
CMYK	0.00, 0.60, 0.26, 0.80
HSL	326°, 43%, 14%
HSV	326°, 60%, 20%
XYZ	1.8995, 1.3120, 1.9034
YIQ	30.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

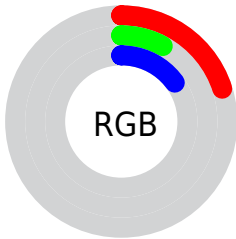
Format	Color
R_{YB}	50, 20, 37
Decimal	3281957
CIE _{Lab}	11.36, 17.76, -4.74
CIE _{LCh}	11, 18.379, 345.070
Yxy	1.3120, 0.3714, 0.2565
Android (android.graphics.Color)	4281472037 (0xFF321425)
YUV	30.9080, 3.0034, 16.7437
Hunter-Lab	11.4542, 9.5561, -1.8345

Details

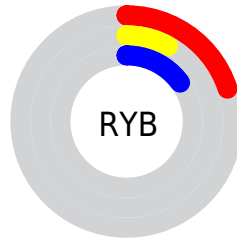
The YUV color **30.9080, 3.0034, 16.7437** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **39.0920, -3.0034, -16.7437**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.2180, 2.8505, 19.1028**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.7450, 3.5767, 19.5176**, and if you desaturate by 10%, it is **34.0710, 2.4300, 13.9697**.

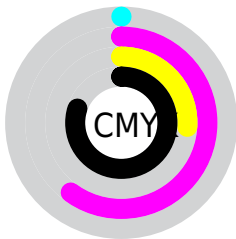
Distribution



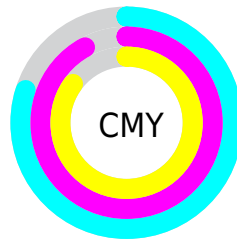
- Red (20%)
- Green (8%)
- Blue (15%)



- Red (20%)
- Yellow (8%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (80%)



- Cyan (80%)
- Magenta (92%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.9080, 3.0034, 16.7437 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 30.9080, 3.0034, 16.7437 by changing the saturation by 10% instead.

■ 30.9080, 3.0034,
16.7437

■ 30.9080, 3.0034,
16.7437

■ 250.8910, 2.0257,
3.6036

■ 11.0930, 2.4192,
17.4584

■ 76.2180, 2.8505,
19.1028

■ 0.0000, 0.0000,
0.0000

■ 99.9300, 2.9925,
20.2324

■ 125.2290, 2.8451,
20.8472

■ 150.9410, 2.9871,
21.9767

■ 177.9410, 2.9871,
21.9767

■ 205.5390, 2.6923,

23.2063

■ 232.1580, 3.8661,
20.0324

■ 30.9080, 3.0034,
16.7437

■ 30.9080, 3.0034,
16.7437

■ 27.7450, 3.5767,
19.5176

■ 34.0710, 2.4300,
13.9697

■ 24.5820, 4.1501,
22.2916

■ 37.2340, 1.8566,
11.1958

■ 21.3050, 4.2866,
25.1655

■ 40.5110, 1.7201,
8.3219

■ 18.1420, 4.8600,
27.9395

■ 43.6740, 1.1467,
5.5479

■ 46.8370, 0.5734,
2.7740

■ 50.0000, 0.0000,
0.0000

■ 53.1630, -0.5734,
-2.7740

■ 56.3260, -1.1467,
-5.5479

■ 59.6030, -1.2833,
-8.4218

Harmonies

Analogous

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



31.2210, 8.2720, 6.8222



30.9080, 3.0034, 16.7437



29.7360, -2.8278, 20.4025

Triad

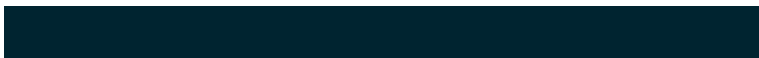
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.9080, 3.0034, 16.7437



28.0640, -13.8356, 4.3289



26.6040, 10.5482, -23.3317

Complementary

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



30.9080, 3.0034, 16.7437



39.0920, -3.0034, -16.7437

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.



25.2360, 5.3067, -22.1320



30.9080, 3.0034, 16.7437



26.3660, -8.5614, -7.3370

Square

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



30.9080, 3.0034, 16.7437



29.0050, -14.2995, 13.1506



23.7540, -0.3717, -20.8323



25.5270, 14.0372, -22.3872

Rectangle

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



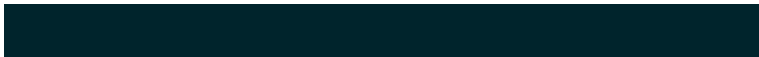
30.9080, 3.0034, 16.7437



29.6990, -6.7536, 19.5580



23.7540, -0.3717, -20.8323



26.1480, 8.8010, -22.9318

Sweetspot

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



30.9080, 3.0034, 16.7437



56.3860, 1.2887, 6.6775



27.3070, 11.1876, 4.9928



28.5490, 0.7153, 3.9035



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.



30.9080, 3.0034, 16.7437



34.7180, 4.5760, 25.6803



29.1980, -3.5486, 18.2434



24.0110, -0.0054, 1.7444



32.4250, 9.1575, 49.6163



78.9050, 21.7388, 121.1093

Inverse Universe

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



30.9080, 3.0034, 16.7437



34.7180, 4.5760, 25.6803



40.8020, 3.5486, -18.2434



24.0110, -0.0054, 1.7444



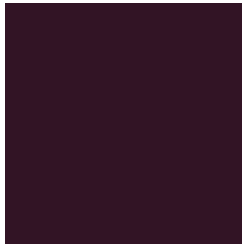
32.4250, 9.1575, 49.6163



78.9050, 21.7388, 121.1093

Previews

White Background



This preview shows how the YUV color 30.9080, 3.0034, 16.7437 looks on a white background.

Color Contrast Check

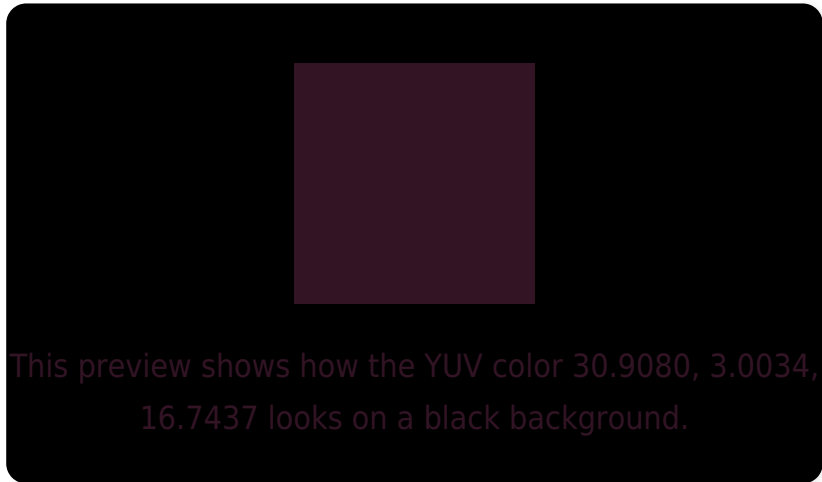
Large Text (above 18pt) WCAG AA ✓ Pass

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

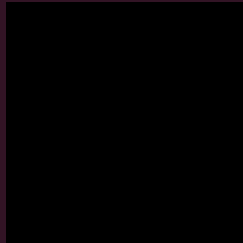
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.9080, 3.0034, 16.7437

Background



This preview shows how black text looks on a background with the YUV color 30.9080, 3.0034, 16.7437.



This preview shows how white text looks on a background with the YUV color 30.9080, 3.0034,

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

30.9080, 3.0034, 16.7437

Protanopia

31.4000, 6.7048, -3.8588

Deuteranopia

31.1680, 1.8892, 0.7297



Tritanopia

30.8880, -3.3958, 15.8842

Trichromacy



Original Color

30.9080, 3.0034, 16.7437

Protanomaly

31.1020, 5.3727, 3.4185

Deuteranomaly

31.0270, 2.4517, 6.9923

Tritanomaly

30.8710, -0.9224, 15.8991

Monochromacy



Original Color

30.9080, 3.0034, 16.7437

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.9080, 3.0034, 16.7437 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, 20, 37)` looks like.

```
.text, #text, p{  
    color:rgb(50, 20, 37)  
}
```

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, 20, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 20, 37) }
```

Border

The CSS property to change the border of an element to YUV 30.9080, 3.0034, 16.7437 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, 20, 37) }
```


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

```
.border{ border-color:rgb(50, 20, 37) }
```

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

Here you see how a box with a 4 pixel rgb(50, 20, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 20, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 20, 37);  
box-shadow:4px 4px 4px 4px rgb(50, 20, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.9080, 3.0034, 16.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 20, 37) }
```

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

```
.background{ background-color: rgb(50, 20,  
37) }
```

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