

Converting Colors

YUV(34.0800, -14.8294, -3.5782)

Have a look what the booklet for
YUV(34.0800, -14.8294, -3.5782)
contains.

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Color

**YUV(34.0800, -14.8294,
-3.5782)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 1E2A04 |
| RGB | 30, 42, 4 |
| RGB Percent | 12%, 16%, 2% |
| CMY | 0.8824, 0.8353, 0.9843 |
| CMYK | 0.29, 0.00, 0.90, 0.84 |
| HSL | 79°, 83%, 9% |
| HSV | 79°, 90%, 16% |
| XYZ | 1.3853, 1.9407, 0.4164 |
| YIQ | 34.0800, 5.0460, -14.3620 |

Conversions

Conversions Part 2

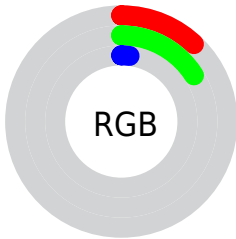
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 4, 42, 16 |
| Decimal | 1976836 |
| CIE Lab | 15.17, -12.23, 20.20 |
| CIE LCh | 15, 23.618, 121.192 |
| Yxy | 1.9407, 0.3702, 0.5186 |
| Android (android.graphics.Color) | 4280166916 (0xFF1E2A04) |
| YUV | 34.0800, -14.8294, -3.5782 |
| Hunter-Lab | 13.9310, -6.6291, 7.9793 |

Details

The YUV color **34.0800, -14.8294, -3.5782** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11.9200, 14.8294, 3.5782**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.1940, -14.3926, -3.6781**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.3250, -16.4292, -3.7930**, and if you desaturate by 10%, it is **34.8350, -13.2297, -3.3633**.

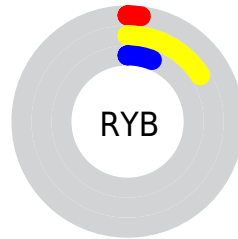
Distribution



Red (12%)

Green (16%)

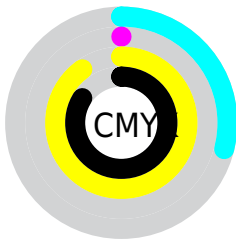
Blue (2%)



Red (2%)

Yellow (16%)

Blue (6%)

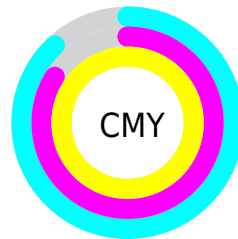


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (84%)



Cyan (88%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.0800, -14.8294, -3.5782 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 34.0800, -14.8294, -3.5782 by changing the saturation by 10% instead.

■ 34.0800, -14.8294,
-3.5782

■ 34.0800, -14.8294,
-3.5782

■ 252.1500,
-10.9200, 2.4994

■ 13.5010, -6.6560,
-11.8404

■ 79.1940, -14.3926,
-3.6781

■ 0.0000, 0.0000,
0.0000

■ 103.6670,
-15.1188, -4.0930

■ 128.5530,
-15.5556, -3.9930


■ 155.0260,
-16.2818, -4.4078


■ 181.9120,
-16.7186, -4.3078


■ 209.0970,


-17.3028, -3.5931


 237.6840,
-17.5922, -4.1079


 34.0800, -14.8294,
-3.5782


 34.0800, -14.8294,
-3.5782


 33.3250, -16.4292,
-3.7930

 34.8350, -13.2297,
-3.3633

 35.8890, -11.7773,
-2.5337

 36.7580, -9.7407,
-2.4188

 37.5130, -8.1409,
-2.2039

 38.5670, -6.6885,
-1.3743

■ 39.3220, -5.0887,
-1.1594

■ 40.0770, -3.4890,
-0.9445

■ 41.2450, -1.5998,
-0.2149

■ 42.0000, 0.0000,
0.0000

Harmonies

Analogous

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



35.7720, -17.6356, 9.8470



34.0800, -14.8294, -3.5782



30.0050, -4.4395, -22.8064

Triad

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



34.0800, -14.8294, -3.5782



33.4660, 16.5323, -29.3497



37.5780, 0.2080, 26.6801

Complementary

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



34.0800, -14.8294, -3.5782



11.9200, 14.8294, 3.5782

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.



39.0590, 7.3659, 17.4883



34.0800, -14.8294, -3.5782



31.5740, 19.4370, -27.6904

Square

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



34.0800, -14.8294, -3.5782



33.2720, 10.7119, -29.1795



38.6700, 13.9667, 0.2894



37.2160, -7.5015, 26.1206

Rectangle

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



34.0800, -14.8294, -3.5782



30.6500, 0.6656, -26.8800



38.6700, 13.9667, 0.2894



38.2510, 2.8343, 24.3359

Sweetspot

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



34.0800, -14.8294, -3.5782



50.7950, -5.8149, -1.5742



21.8190, -8.7848, 17.6987



26.0770, -3.4890, -0.9445



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



34.0800, -14.8294, -3.5782



42.7610, -21.0812, -5.0524



28.6980, -12.1761, -14.6441



19.7720, -0.8736, 0.2000



66.6500, -32.8585, -7.5861



167.7990, -82.7249, -19.9947

Inverse Universe

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



11.9200, 14.8294, 3.5782



11.2390, 21.0812, 5.0524



17.3020, 12.1761, 14.6441



18.5270, 0.7262, 0.4148



17.6490, 32.7110, 8.2008



44.2010, 82.7249, 19.9947

Previews

White Background



This preview shows how the YUV color 34.0800, -14.8294, -3.5782 looks on a white background.

Color Contrast Check

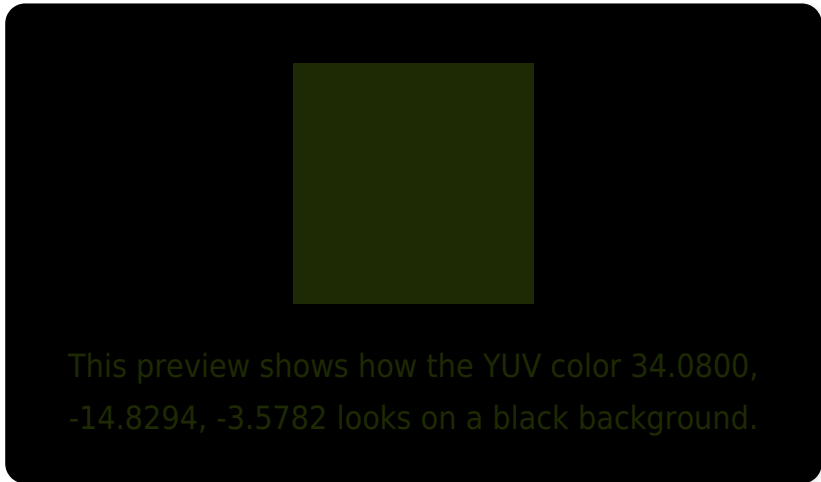
Large Text (above 18pt) WCAG AA ✓ Pass

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

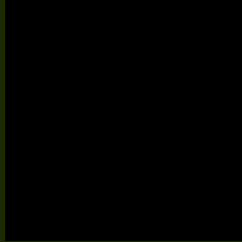
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.0800, -14.8294, -3.5782

Background



This preview shows how black text looks on a background with the YUV color 34.0800, -14.8294, -3.5782.



This preview shows how white text looks on a background with the YUV color 34.0800, -14.8294,

-3.5782.

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

34.0800, -14.8294, -3.5782

Protanopia

35.3910, -16.4618, 6.6731

Deuteranopia

36.5100, -13.5624, 10.0767



Tritanopia

37.8470, 2.0474, -3.3738

Trichromacy



Original Color

34.0800, -14.8294, -3.5782

Protanomaly

34.5970, -15.5773, 2.9844

Deuteranomaly

35.3630, -13.9830, 4.9436

Tritanomaly

36.5390, -4.2097, -3.1037

Monochromacy



Original Color

34.0800, -14.8294, -3.5782

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.2080, -5.5255, -1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.0800, -14.8294, -3.5782 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(30, 42, 4)` looks like.

```
.text, #text, p{  
    color:rgb(30, 42, 4)  
}
```

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(30, 42, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 42, 4) }
```

Border

The CSS property to change the border of an element to YUV 34.0800, -14.8294, -3.5782 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(30, 42, 4) }
```


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

```
.border{ border-color:rgb(30, 42, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 42, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 42, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 42, 4); box-shadow:4px  
4px 4px 4px rgb(30, 42, 4) }
```

Background

The CSS property to change the background color of an element to YUV 34.0800, -14.8294, -3.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 42, 4) }
```

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

```
.background{ background-color: rgb(30, 42,  
4) }
```

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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