

Converting Colors

YUV(29.8650, -1.9054, 4.5034)

Have a look what the booklet for
YUV(29.8650, -1.9054, 4.5034)
contains.

YUV(29.8650, -1.9054, 4.5034)	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(29.8650, -1.9054,
4.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	231C1A
RGB	35, 28, 26
RGB Percent	14%, 11%, 10%
CMY	0.8627, 0.8902, 0.8980
CMYK	0.00, 0.20, 0.26, 0.86
HSL	13°, 15%, 12%
HSV	13°, 26%, 14%
XYZ	1.2948, 1.2624, 1.1527
YIQ	29.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

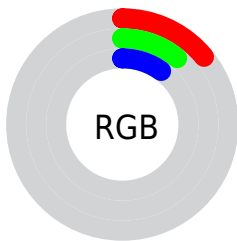
Format	Color
R_{YB}	35, 29, 26
Decimal	2300954
CIE Lab	11.01, 2.99, 2.65
CIE LCh	11, 4.000, 41.556
Yxy	1.2624, 0.3490, 0.3403
Android (android.graphics.Color)	4280491034 (0xFF231C1A)
YUV	29.8650, -1.9054, 4.5034
Hunter-Lab	11.2357, 0.9085, 1.7823

Details

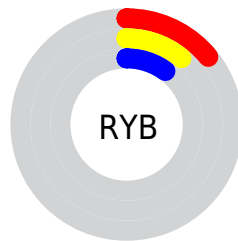
The YUV color **29.8650, -1.9054, 4.5034** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31.1350, 1.9054, -4.5034**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.4630, -2.2003, 5.7329**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.7620, -2.3477, 6.3477**, and if you desaturate by 10%, it is **31.9680, -1.4632, 2.6591**.

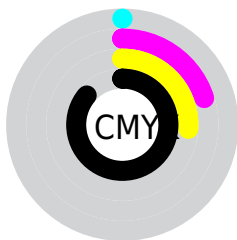
Distribution



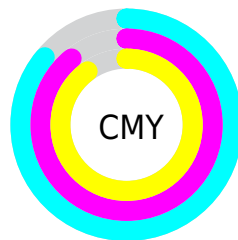
- Red (14%)
- Green (11%)
- Blue (10%)



- Red (14%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (86%)



- Cyan (86%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.8650, -1.9054, 4.5034 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 29.8650, -1.9054, 4.5034 by changing the saturation by 10% instead.

■ 29.8650, -1.9054,
4.5034

■ 29.8650, -1.9054,
4.5034

■ 254.7720, -0.8736,
0.2000

■ 4.4740, -2.2057,
7.4773

■ 73.4630, -2.2003,
5.7329

■ 0.0000, 0.0000,
0.0000

■ 97.3490, -2.6371,
5.8329

■ 122.3490, -2.6371,
5.8329

■ 147.7620, -2.3477,
6.3477

■ 174.6480, -2.7845,
6.4477

■ 201.6480, -2.7845,

6.4477

■ 229.6480, -2.7845,
6.4477

■ 29.8650, -1.9054,
4.5034

■ 29.8650, -1.9054,
4.5034

■ 27.7620, -2.3477,
6.3477

■ 31.9680, -1.4632,
2.6591

■ 26.1320, -3.5161,
7.7772

■ 33.5980, -0.2948,
1.2296

■ 23.9150, -4.3951,
9.7215

■ 35.8150, 0.5842,
-0.7148

■ 21.8120, -4.8373,
11.5659

■ 37.9180, 1.0264,
-2.5591

■ 19.5950, -5.7163,
13.5102

■ 40.1350, 1.9054,
-4.5034

■ 18.0790, -6.4479,
14.8397

■ 41.6510, 2.6371,
-5.8329

■ 15.8620, -7.3270,
16.7840

■ 43.8680, 3.5161,
-7.7772

■ 15.1610, -7.4744,
17.3988

■ 45.9710, 3.9583,
-9.6216

■ 48.1880, 4.8373,
-11.5659

Harmonies

Analogous

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



30.2070, -0.5951, 4.2035



29.8650, -1.9054, 4.5034



29.6260, -2.7736, 2.9590

Triad

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



29.8650, -1.9054, 4.5034



28.8640, -0.4260, -3.3887



29.3850, 2.7682, -1.2146

Complementary

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



29.8650, -1.9054, 4.5034



31.1350, 1.9054, -4.5034

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.



29.0750, 2.9210, -3.5738



29.8650, -1.9054, 4.5034



28.4940, 0.7425, -4.8182

Square

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



29.8650, -1.9054, 4.5034



28.5330, -1.7418, -1.3444



28.8360, 2.0529, -5.1182



29.5810, 2.1786, 1.2445

Rectangle

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



29.8650, -1.9054, 4.5034



29.3270, -2.6262, 2.3442



28.8360, 2.0529, -5.1182



29.6730, 2.6262, -2.3442

Sweetspot

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



29.8650, -1.9054, 4.5034



43.7830, -0.8790, 1.9443



29.4890, 1.7309, 4.8331



21.5980, -0.2948, 1.2296



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



29.8650, -1.9054, 4.5034



37.9470, -2.9319, 7.0625



32.2130, -3.0630, 2.4442



16.5980, -0.2948, 1.2296



35.0840, -17.2964, 41.1453



89.4930, -44.1200, 104.8076

Inverse Universe

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



31.1350, 1.9054, -4.5034



40.0530, 2.9319, -7.0625



28.7870, 3.0630, -2.4442



16.8150, 0.5842, -0.7148



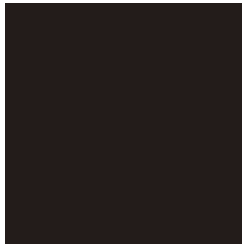
46.3290, 17.5858, -40.6305



119.5070, 44.1200, -104.8076

Previews

White Background



This preview shows how the YUV color 29.8650, -1.9054, 4.5034 looks on a white background.

Color Contrast Check

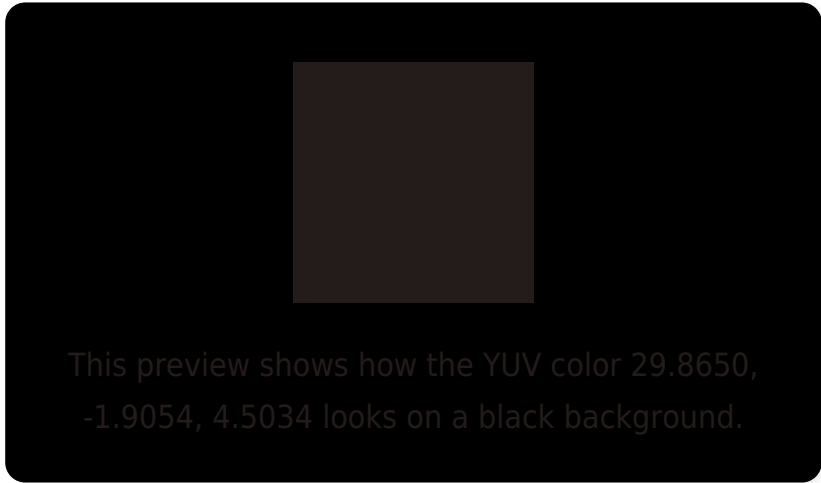
Large Text (above 18pt) WCAG AA ✓ Pass

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

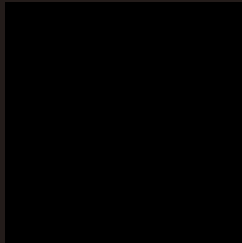
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.8650, -1.9054, 4.5034

Background



This preview shows how black text looks on a background with the YUV color 29.8650, -1.9054, 4.5034.



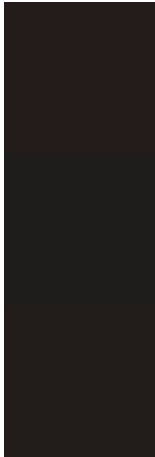
This preview shows how white text looks on a background with the YUV color 29.8650, -1.9054,

4.5034.

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

29.8650, -1.9054, 4.5034

Protanopia

29.3700, -1.1684, 1.4295

Deuteranopia

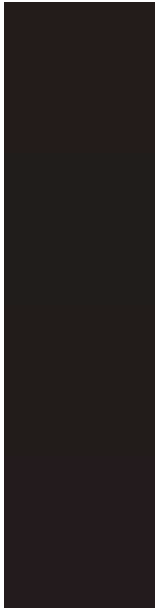
29.5660, -1.7580, 3.8886



Tritanopia

29.7340, 0.1311, 4.6183

Trichromacy



Original Color

29.8650, -1.9054, 4.5034

Protanomaly

29.6690, -1.3158, 2.0443

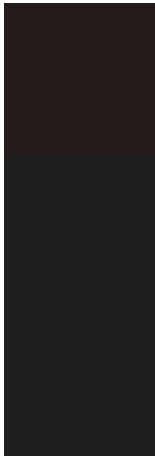
Deuteranomaly

29.5660, -1.7580, 3.8886

Tritanomaly

29.6200, -0.3057, 4.7183

Monochromacy



Original Color

29.8650, -1.9054, 4.5034

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.8650, -1.9054, 4.5034 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(35, 28, 26)` looks like.

```
.text, #text, p{  
    color:rgb(35, 28, 26)  
}
```

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(35, 28, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 28, 26) }
```

Border

The CSS property to change the border of an element to YUV 29.8650, -1.9054, 4.5034 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(35, 28, 26) }
```


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

```
.border{ border-color:rgb(35, 28, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 28, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 28, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 28, 26);  
box-shadow:4px 4px 4px 4px rgb(35, 28, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.8650, -1.9054, 4.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 28, 26) }
```

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

```
.background{ background-color: rgb(35, 28,  
26) }
```

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