

Converting Colors

YUV(29.9950, -2.4625, -3.5036)

Have a look what the booklet for
YUV(29.9950, -2.4625, -3.5036)
contains.

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Color

**YUV(29.9950, -2.4625,
-3.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2119
RGB	26, 33, 25
RGB Percent	10%, 13%, 10%
CMY	0.8980, 0.8706, 0.9020
CMYK	0.21, 0.00, 0.24, 0.87
HSL	112°, 14%, 11%
HSV	112°, 24%, 13%
XYZ	1.1453, 1.3775, 1.1252
YIQ	29.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

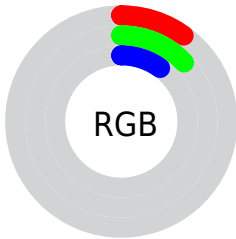
Format	Color
R_{YB}	25, 33, 32
Decimal	1712409
CIE _{Lab}	11.81, -5.23, 4.38
CIE _{LCh}	12, 6.820, 140.044
Yxy	1.3775, 0.3140, 0.3776
Android (android.graphics.Color)	4279902489 (0xFF1A2119)
YUV	29.9950, -2.4625, -3.5036
Hunter-Lab	11.7367, -3.1204, 2.5315

Details

The YUV color **29.9950, -2.4625, -3.5036** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28.0050, 2.4625, 3.5036**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5820, -2.7519, -4.0184**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.7560, -3.3307, -5.0480**, and if you desaturate by 10%, it is **31.2340, -1.5944, -1.9592**.

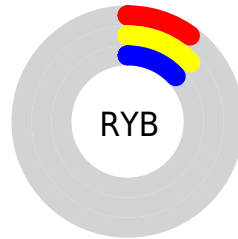
Distribution



Red (10%)

Green (13%)

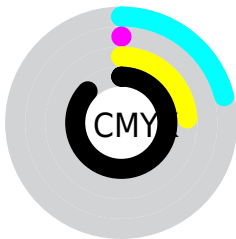
Blue (10%)



Red (10%)

Yellow (13%)

Blue (13%)

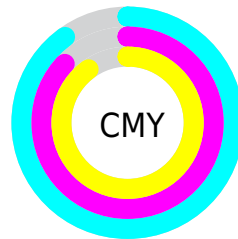


Cyan (21%)

Magenta (0%)

Yellow (24%)

Black (87%)



Cyan (90%)

Magenta (87%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.9950, -2.4625, -3.5036 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 29.9950, -2.4625, -3.5036 by changing the saturation by 10% instead.

■ 29.9950, -2.4625,
-3.5036

■ 29.9950, -2.4625,
-3.5036

■ 254.0600, -1.0156,
-0.9296

■ 5.8700, -2.8939,
-5.1480

■ 73.5820, -2.7519,
-4.0184

■ 0.0000, 0.0000,
0.0000

■ 97.4680, -3.1887,
-3.9184

■ 122.1690, -3.0413,
-4.5332

■ 148.0550, -3.4781,
-4.4332

■ 174.7560, -3.3307,
-5.0480

■ 202.0550, -3.4781,

-4.4332

■ 230.0550, -3.4781,
-4.4332

■ 29.9950, -2.4625,
-3.5036

■ 29.9950, -2.4625,
-3.5036

■ 28.7560, -3.3307,
-5.0480

■ 31.2340, -1.5944,
-1.9592

■ 27.4030, -4.6357,
-6.4924

■ 32.5870, -0.2894,
-0.5148

■ 26.1640, -5.5039,
-8.0368

■ 33.8260, 0.5788,
1.0296

■ 24.9250, -6.3720,
-9.5812

■ 35.0650, 1.4470,
2.5740

■ 23.8710, -7.8244,
-10.4109

■ 36.0050, 2.4625,
3.5036

■ 22.6320, -8.6926,
-11.9553

■ 37.3580, 3.7675,
4.9480

■ 21.3930, -9.5607,
-13.4997

■ 38.5970, 4.6357,
6.4924

■ 20.5670, -10.1395,
-14.5293

■ 39.8360, 5.5039,
8.0368

■ 41.1890, 6.8088,
9.4812

Harmonies

Analogous

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



30.5610, -4.2206, 0.3850



29.9950, -2.4625, -3.5036



29.5430, -0.2677, -7.4922

Triad

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



29.9950, -2.4625, -3.5036



30.5200, 4.6736, -5.7180



31.8870, -1.9163, 7.9921

Complementary

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



29.9950, -2.4625, -3.5036



28.0050, 2.4625, 3.5036

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.



31.8590, 0.5625, 6.2627



29.9950, -2.4625, -3.5036



31.1400, 4.3680, -0.9998

Square

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



29.9950, -2.4625, -3.5036



29.3840, 4.2477, -9.1068



32.0050, 2.4625, 3.5036



31.7190, -3.8055, 7.2624

Rectangle

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



29.9950, -2.4625, -3.5036



29.4010, 1.7743, -9.1217



32.0050, 2.4625, 3.5036



32.1150, -1.0427, 7.7921

Sweetspot

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



29.9950, -2.4625, -3.5036



42.0600, -1.0156, -0.9296



31.5010, -3.2050, 1.3146



22.1740, -0.5788, -1.0296



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.



29.9950, -2.4625, -3.5036



38.3430, -3.6201, -5.5628



30.0380, -1.0047, -4.4183



14.5870, -0.2894, -0.5148



49.3630, -24.3360, -34.5214



129.2830, -63.7365, -90.5792

Inverse Universe

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



28.0050, 2.4625, 3.5036



35.6570, 3.6201, 5.5628



27.9620, 1.0047, 4.4183



14.4130, 0.2894, 0.5148



29.6370, 24.3360, 34.5214



77.7170, 63.7365, 90.5792

Previews

White Background



This preview shows how the YUV color 29.9950, -2.4625, -3.5036 looks on a white background.

Color Contrast Check

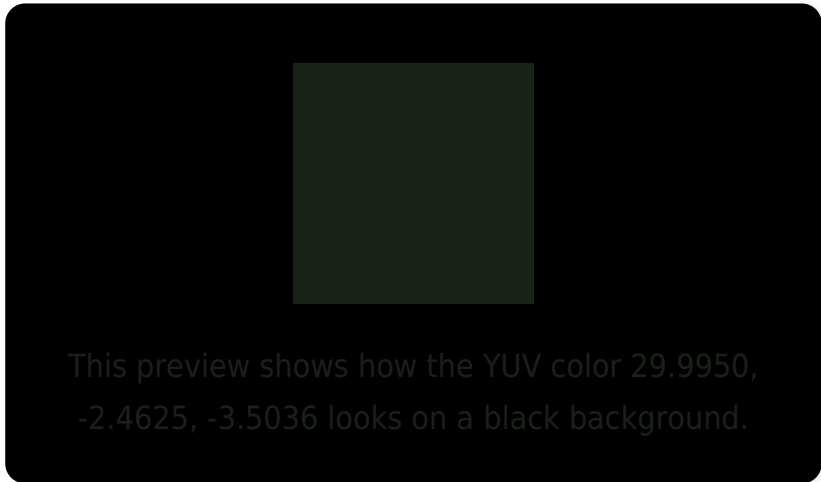
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9950, -2.4625, -3.5036

Background



This preview shows how black text looks on a background with the YUV color 29.9950, -2.4625, -3.5036.



This preview shows how white text looks on a background with the YUV color 29.9950, -2.4625, -3.5036.

-3.5036.

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

29.9950, -2.4625, -3.5036

Protanopia

30.8000, -3.3524, 1.9294

Deuteranopia

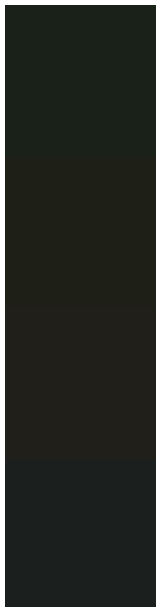
31.3380, -2.6316, 4.0886



Tritanopia

31.0320, 1.4632, -2.6591

Trichromacy



Original Color

29.9950, -2.4625, -3.5036

Protanomaly

30.4900, -3.1996, -0.4297

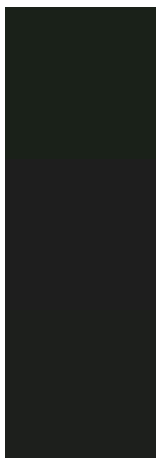
Deuteranomaly

30.7290, -2.3314, 1.1147

Tritanomaly

30.3910, 0.3002, -2.9739

Monochromacy



Original Color

29.9950, -2.4625, -3.5036

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.9950, -2.4625, -3.5036 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(26, 33, 25)` looks like.

```
.text, #text, p{  
    color:rgb(26, 33, 25)  
}
```

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(26, 33, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 33, 25) }
```

Border

The CSS property to change the border of an element to YUV 29.9950, -2.4625, -3.5036 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(26, 33, 25) }
```


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

```
.border{ border-color:rgb(26, 33, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 33, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 33, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 33, 25);  
box-shadow:4px 4px 4px 4px rgb(26, 33, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.9950, -2.4625, -3.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 33, 25) }
```

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

```
.background{ background-color: rgb(26, 33,  
25) }
```

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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