

Converting Colors

YUV(29.3110, -1.6323, 10.2513)

Have a look what the booklet for
YUV(29.3110, -1.6323, 10.2513)
contains.

YUV(29.3110, -1.6323, 10.2513)	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(29.3110, -1.6323,
10.2513)**

Conversions

Conversions Part 1

Format	Color
Hex	29181A
RGB	41, 24, 26
RGB Percent	16%, 9%, 10%
CMY	0.8392, 0.9059, 0.8980
CMYK	0.00, 0.41, 0.37, 0.84
HSL	353°, 26%, 13%
HSV	353°, 41%, 16%
XYZ	1.4275, 1.1993, 1.1335
YIQ	29.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

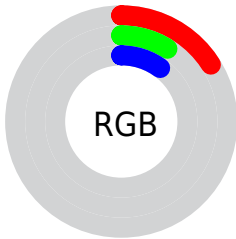
Format	Color
R_YB	41, 24, 26
Decimal	2693146
CIE Lab	10.55, 8.92, 2.11
CIE LCh	11, 9.161, 13.308
Yxy	1.1993, 0.3796, 0.3189
Android (android.graphics.Color)	4280883226 (0xFF29181A)
YUV	29.3110, -1.6323, 10.2513
Hunter-Lab	10.9511, 4.1041, 1.5288

Details

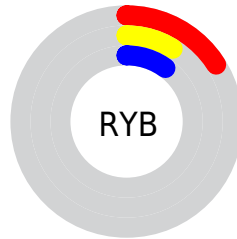
The YUV color **29.3110, -1.6323, 10.2513** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **35.6890, 1.6323, -10.2513**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2080, -2.0745, 12.0956**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.5070, -2.2220, 12.7104**, and if you desaturate by 10%, it is **32.1150, -1.0427, 7.7921**.

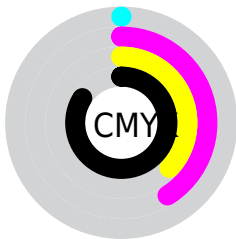
Distribution



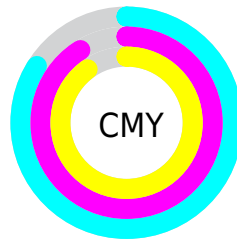
- Red (16%)
- Green (9%)
- Blue (10%)



- Red (16%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (84%)



- Cyan (84%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3110, -1.6323, 10.2513 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 29.3110, -1.6323, 10.2513 by changing the saturation by 10% instead.

■ 29.3110, -1.6323,
10.2513

■ 29.3110, -1.6323,
10.2513

■ 252.4240, 0.2840,
2.2592

■ 6.5780, -3.2430,
13.5251

■ 73.2080, -2.0745,
12.0956

■ 0.0000, 0.0000,
0.0000

■ 96.5070, -2.2220,
12.7104

■ 121.8060, -2.3694,
13.3251

■ 147.8060, -2.3694,
13.3251

■ 174.4040, -2.6642,
14.5547

■ 201.7030, -2.8116,

15.1695

■ 229.7030, -2.8116,
15.1695

■ 29.3110, -1.6323,
10.2513

■ 29.3110, -1.6323,
10.2513

■ 26.5070, -2.2220,
12.7104

■ 32.1150, -1.0427,
7.7921

■ 23.8170, -2.3748,
15.0695

■ 34.8050, -0.8899,
5.4330

■ 21.0130, -2.9644,
17.5286

■ 37.6090, -0.3002,
2.9739

■ 18.3230, -3.1172,
19.8877

■ 40.2990, -0.1474,
0.6148

■ 14.9320, -3.4175,
22.8616

■ 43.1030, 0.4422,
-1.8443

■ 12.8290, -3.8597,
24.7060

■ 46.4940, 0.7425,
-4.8182

■ 49.1840, 0.8953,
-7.1774

■ 51.9880, 1.4849,
-9.6365

■ 54.7920, 2.0745,
-12.0956

Harmonies

Analogous

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



29.3970, 1.2833, 8.4218



29.3110, -1.6323, 10.2513



28.9150, -4.3951, 9.7215

Triad

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



29.3110, -1.6323, 10.2513



27.2400, -4.0623, -3.7185



26.9540, 6.4317, -9.6067

Complementary

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



29.3110, -1.6323, 10.2513



35.6890, 1.6323, -10.2513

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.



25.1060, 5.8637, -14.1250



29.3110, -1.6323, 10.2513



26.4180, -0.6991, -9.1366

Square

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



29.3110, -1.6323, 10.2513



27.8170, -5.8258, 1.9145



25.3080, 2.8062, -13.4251



28.5850, 6.1206, -3.1440

Rectangle

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



29.3110, -1.6323, 10.2513



28.5620, -5.7001, 8.2771



25.3080, 2.8062, -13.4251



26.5300, 6.1477, -11.8658

Sweetspot

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



29.3110, -1.6323, 10.2513



49.2070, -0.5951, 4.2035



30.4230, 5.2145, 7.5220



25.3100, -0.1528, 2.3591



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.



29.3110, -1.6323, 10.2513



35.4150, -2.6696, 16.2990



32.6050, -4.2423, 7.3624



18.7120, 0.1420, 1.1296



26.2560, -8.0142, 50.6415



66.2380, -20.3303, 127.8333

Inverse Universe

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



29.3110, -1.6323, 10.2513



35.4150, -2.6696, 16.2990



32.3950, 4.2423, -7.3624



18.7120, 0.1420, 1.1296



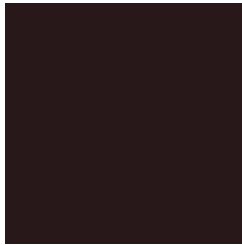
26.2560, -8.0142, 50.6415



66.2380, -20.3303, 127.8333

Previews

White Background



This preview shows how the YUV color 29.3110, -1.6323, 10.2513 looks on a white background.

Color Contrast Check

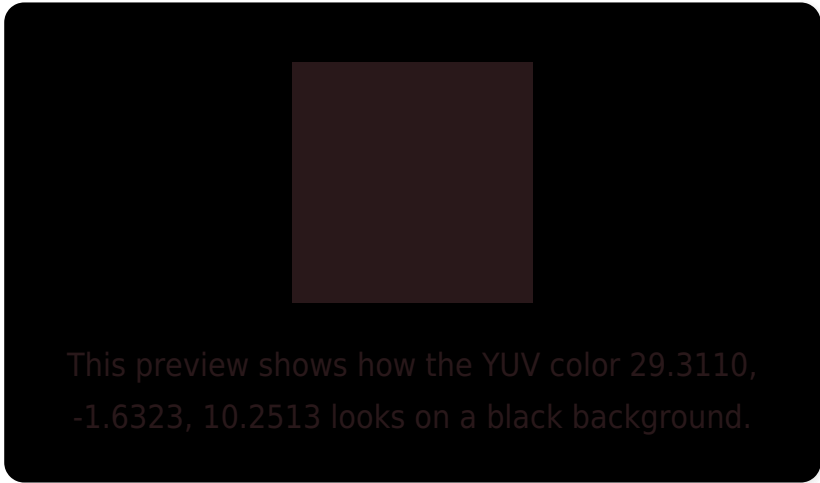
Large Text (above 18pt) WCAG AA ✓ Pass

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

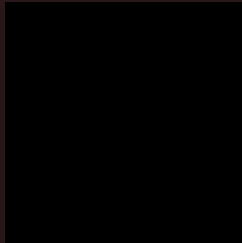
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3110, -1.6323, 10.2513

Background



This preview shows how black text looks on a background with the YUV color 29.3110, -1.6323, 10.2513.

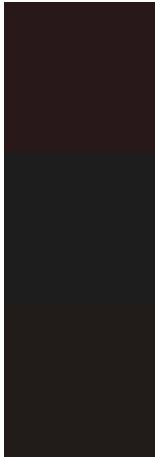


This preview shows how white text looks on a background with the YUV color 29.3110, -1.6323,

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

29.3110, -1.6323, 10.2513

Protanopia

29.2990, -0.1474, 0.6148

Deuteranopia

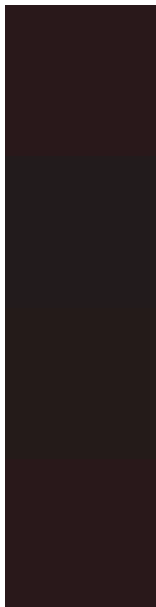
29.1530, -2.0474, 3.3738



Tritanopia

29.3110, -1.6323, 10.2513

Trichromacy



Original Color

29.3110, -1.6323, 10.2513

Protanomaly

29.2070, -0.5951, 4.2035

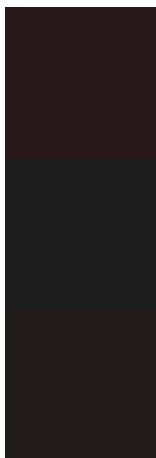
Deuteranomaly

29.4630, -2.2003, 5.7329

Tritanomaly

29.3110, -1.6323, 10.2513

Monochromacy



Original Color

29.3110, -1.6323, 10.2513

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.9080, -0.4476, 3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3110, -1.6323, 10.2513 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(41, 24, 26)` looks like.

```
.text, #text, p{  
    color:rgb(41, 24, 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(41, 24, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 24, 26) }
```

Border

The CSS property to change the border of an element to YUV 29.3110, -1.6323, 10.2513 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(41, 24, 26) }
```


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

```
.border{ border-color:rgb(41, 24, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 24, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 24, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 24, 26);  
box-shadow:4px 4px 4px 4px rgb(41, 24, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.3110, -1.6323, 10.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 24, 26) }
```

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

```
.background{ background-color: rgb(41, 24,  
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