

Converting Colors

YUV(29.2410, -8.9928, -8.9814)

Have a look what the booklet for
YUV(29.2410, -8.9928, -8.9814)
contains.

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Color

**YUV(29.2410, -8.9928,
-8.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	13260B
RGB	19, 38, 11
RGB Percent	7%, 15%, 4%
CMY	0.9255, 0.8510, 0.9569
CMYK	0.50, 0.00, 0.71, 0.85
HSL	102°, 55%, 10%
HSV	102°, 71%, 15%
XYZ	1.0221, 1.5488, 0.5617
YIQ	29.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

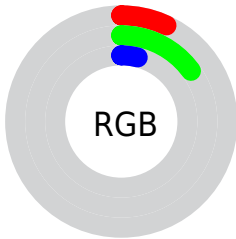
Format	Color
RYB	11, 38, 30
Decimal	1254923
CIELab	12.92, -14.27, 14.23
CIELCh	13, 20.157, 135.079
Yxy	1.5488, 0.3263, 0.4944
Android (android.graphics.Color)	4279445003 (0xFF13260B)
YUV	29.2410, -8.9928, -8.9814
Hunter-Lab	12.4452, -7.1196, 6.0357

Details

The YUV color **29.2410, -8.9928, -8.9814** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19.7590, 8.9928, 8.9814**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.4150, -9.5716, -10.0110**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.8880, -10.2978, -10.4258**, and if you desaturate by 10%, it is **30.5940, -7.6878, -7.5369**.

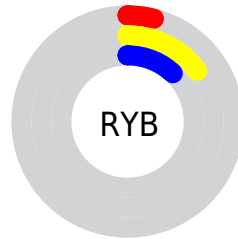
Distribution



Red (7%)

Green (15%)

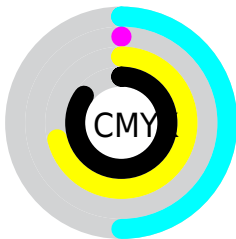
Blue (4%)



Red (4%)

Yellow (15%)

Blue (12%)

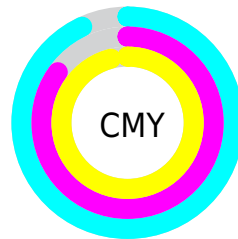


Cyan (50%)

Magenta (0%)

Yellow (71%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.2410, -8.9928, -8.9814 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 29.2410, -8.9928, -8.9814 by changing the saturation by 10% instead.

■ 29.2410, -8.9928,
-8.9814

■ 29.2410, -8.9928,
-8.9814

■ 250.0290, -7.4093,
-3.5334

■ 10.5660, -5.2090,
-9.2664

■ 73.4150, -9.5716,
-10.0110

■ 0.0000, 0.0000,
0.0000

■ 97.3010, -10.0084,
-9.9110

■ 122.4750,
-10.5872, -10.9406

■ 148.4750,
-10.5872, -10.9406

■ 175.0620,
-10.8766, -11.4554

■ 202.8340,

-11.7502, -11.2554

■ 230.5350,
-11.6028, -11.8702

■ 29.2410, -8.9928,
-8.9814

■ 29.2410, -8.9928,
-8.9814

■ 27.8880, -10.2978,
-10.4258

■ 30.5940, -7.6878,
-7.5369

■ 26.8340, -11.7502,
-11.2554

■ 31.6480, -6.2355,
-6.7073

■ 25.5950, -12.6183,
-12.7998

■ 32.8870, -5.3673,
-5.1629

■ 34.2400, -4.0623,
-3.7185

■ 35.2940, -2.6099,
-2.8888

■ 36.6470, -1.3050,
-1.4444

■ 38.0000, 0.0000,
0.0000

■ 38.9400, 1.0156,
0.9296

■ 40.2930, 2.3206,
2.3740

Harmonies

Analogous

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



31.0100, -15.2879, 3.4992



29.2410, -8.9928, -8.9814



26.4440, -0.2189, -23.1914

Triad

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



29.2410, -8.9928, -8.9814



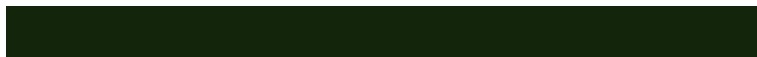
28.5590, 15.5004, -25.0462



33.0460, -2.9807, 22.7617

Complementary

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



29.2410, -8.9928, -8.9814



19.7590, 8.9928, 8.9814

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.



34.0330, 3.4347, 18.3881



29.2410, -8.9928, -8.9814



31.9030, 13.8518, -9.5619

Square

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



29.2410, -8.9928, -8.9814



28.9350, 11.8640, -25.3760



34.7480, 8.9982, 7.2370



32.9010, -9.8112, 20.2578

Rectangle

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



29.2410, -8.9928, -8.9814



27.4700, 3.7123, -24.0912



34.7480, 8.9982, 7.2370



33.6160, -0.7967, 22.2618

Sweetspot

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



29.2410, -8.9928, -8.9814



44.7670, -3.3361, -3.3037



30.2260, -9.4784, 6.8178



23.7070, -2.3206, -2.3740



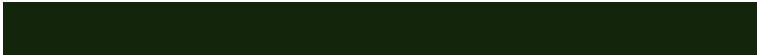
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



29.2410, -8.9928, -8.9814



34.6550, -13.6339, -13.7294



27.4190, -5.6296, -14.3995



17.4730, -0.7262, -0.4148



55.3100, -27.2678, -27.4589



141.2210, -69.6220, -69.4768

Inverse Universe

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



19.7590, 8.9928, 8.9814



20.3450, 13.6339, 13.7294



21.5810, 5.6296, 14.3995



16.5270, 0.7262, 0.4148



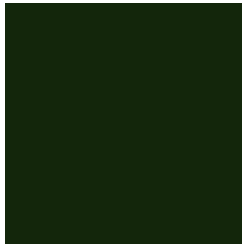
26.3910, 27.4152, 26.8441



67.7790, 69.6220, 69.4768

Previews

White Background



This preview shows how the YUV color 29.2410, -8.9928, -8.9814 looks on a white background.

Color Contrast Check

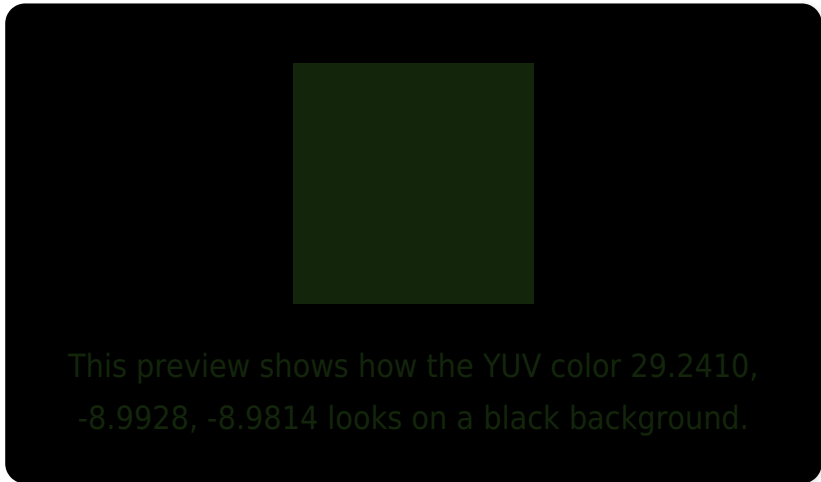
Large Text (above 18pt) WCAG AA ✓ Pass

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

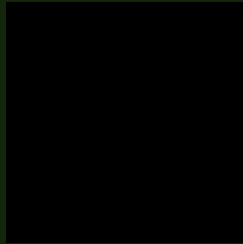
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

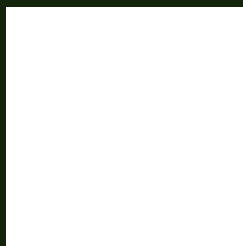
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.2410, -8.9928, -8.9814

Background



This preview shows how black text looks on a background with the YUV color 29.2410, -8.9928, -8.9814.



This preview shows how white text looks on a background with the YUV color 29.2410, -8.9928, -8.9814.

-8.9814.

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

29.2410, -8.9928, -8.9814

Protanopia

32.4600, -11.0728, 4.8586

Deuteranopia

32.8240, -9.7732, 8.0474



Tritanopia

32.0530, 2.9319, -7.0625

Trichromacy



Original Color

29.2410, -8.9928, -8.9814

Protanomaly

30.9540, -10.3303, 0.0403

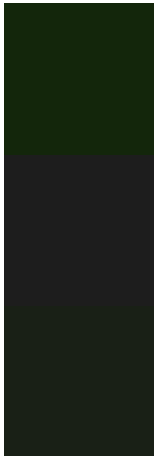
Deuteranomaly

31.4920, -9.6096, 2.1995

Tritanomaly

30.9020, -1.4307, -7.8071

Monochromacy



Original Color

29.2410, -8.9928, -8.9814

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7670, -3.3361, -3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.2410, -8.9928, -8.9814 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(19, 38, 11)` looks like.

```
.text, #text, p{  
    color:rgb(19, 38, 11)  
}
```

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(19, 38, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 38, 11) }
```

Border

The CSS property to change the border of an element to YUV 29.2410, -8.9928, -8.9814 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(19, 38, 11) }
```


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

```
.border{ border-color:rgb(19, 38, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 38, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 38, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 38, 11);  
box-shadow:4px 4px 4px 4px rgb(19, 38, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.2410, -8.9928, -8.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 38, 11) }
```

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

```
.background{ background-color: rgb(19, 38,  
11) }
```

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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