

Converting Colors

YUV(28.3510, -9.0470, 8.4622)

Have a look what the booklet for
YUV(28.3510, -9.0470, 8.4622)
contains.

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Color

**YUV(28.3510, -9.0470,
8.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	261B0A
RGB	38, 27, 10
RGB Percent	15%, 11%, 4%
CMY	0.8510, 0.8941, 0.9608
CMYK	0.00, 0.29, 0.74, 0.85
HSL	36°, 58%, 9%
HSV	36°, 74%, 15%
XYZ	1.2460, 1.2178, 0.4566
YIQ	28.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

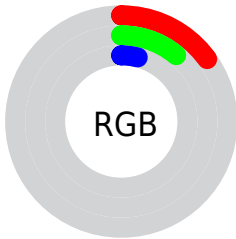
Format	Color
R_{YB}	28, 38, 10
Decimal	2497290
CIE Lab	10.69, 2.86, 11.90
CIE LCh	11, 12.237, 76.481
Yxy	1.2178, 0.4267, 0.4170
Android (android.graphics.Color)	4280687370 (0xFF261B0A)
YUV	28.3510, -9.0470, 8.4622
Hunter-Lab	11.0356, 0.8424, 5.2720

Details

The YUV color **28.3510, -9.0470, 8.4622** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.6490, 9.0470, -8.4622**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.0630, -8.9051, 9.5917**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.3080, -10.5048, 9.3769**, and if you desaturate by 10%, it is **29.3940, -7.5892, 7.5475**.

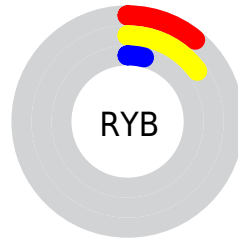
Distribution



Red (15%)

Green (11%)

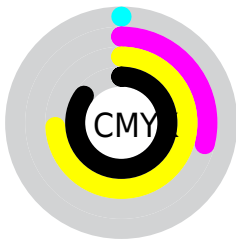
Blue (4%)



Red (11%)

Yellow (15%)

Blue (4%)

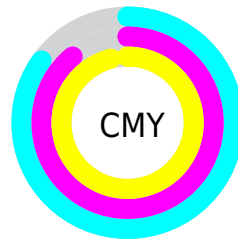


Cyan (0%)

Magenta (29%)

Yellow (74%)

Black (85%)



Cyan (85%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.3510, -9.0470, 8.4622 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 28.3510, -9.0470, 8.4622 by changing the saturation by 10% instead.

■ 28.3510, -9.0470,
8.4622

■ 28.3510, -9.0470,
8.4622

■ 252.0190, -8.8834,
2.6143

■ 3.2890, -1.6215,
6.7625

■ 72.0630, -8.9051,
9.5917

■ 0.0000, 0.0000,
0.0000

■ 96.2480, -9.4893,
10.3065

■ 120.8460, -9.7841,
11.5361


■ 146.7320,
-10.2209, 11.6360


■ 173.0310,
-10.3683, 12.2508


■ 200.8030,


-11.2419, 12.4508


 228.8030,
-11.2419, 12.4508


 28.3510, -9.0470,
8.4622


 28.3510, -9.0470,
8.4622


 27.3080, -10.5048,
9.3769


 29.3940, -7.5892,
7.5475


 25.6780, -11.6733,
10.8064

 31.0240, -6.4208,
6.1180

 24.8630, -12.2575,
11.5211

 31.9530, -5.3998,
5.3032

 33.5830, -4.2314,
3.8737

 34.6260, -2.7736,
2.9590

■ 36.2560, -1.6052,
1.5295

■ 37.2990, -0.1474,
0.6148

■ 38.8150, 0.5842,
-0.7148

■ 39.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



28.7690, -6.2951, 12.4806



28.3510, -9.0470, 8.4622



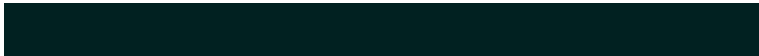
27.7200, -8.7360, 1.9996

Triad

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



28.3510, -9.0470, 8.4622



23.4320, 4.7170, -19.6729



29.7000, 5.0779, 4.6481

Complementary

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



28.3510, -9.0470, 8.4622



19.6490, 9.0470, -8.4622

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.



28.7420, 8.0152, -4.1587



28.3510, -9.0470, 8.4622



24.0450, 8.3588, -21.0875

Square

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



28.3510, -9.0470, 8.4622



24.9120, 0.0434, -13.9548



26.0180, 9.3581, -14.9248



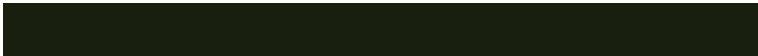
30.1200, 1.4198, 11.2958

Rectangle

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



28.3510, -9.0470, 8.4622



26.9690, -6.3937, -2.6038



26.0180, 9.3581, -14.9248



29.6180, 6.1043, 2.0890

Sweetspot

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



28.3510, -9.0470, 8.4622



44.5120, -3.2104, 3.0590



19.6260, 0.6774, 16.1140



23.4410, -2.1894, 2.2442



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.



28.3510, -9.0470, 8.4622



33.8200, -13.7153, 12.4359



33.9110, -11.7881, 0.9551



17.1850, -0.5842, 0.7148



53.8680, -26.5569, 24.6718



137.0400, -67.5607, 63.1089

Inverse Universe

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



19.6490, 9.0470, -8.4622



20.7670, 13.4259, -12.9507



14.0890, 11.7881, -0.9551



16.8150, 0.5842, -0.7148



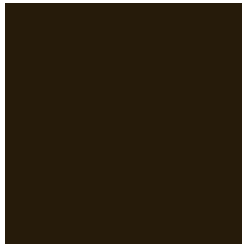
28.1320, 26.5569, -24.6718



71.9600, 67.5607, -63.1089

Previews

White Background



This preview shows how the YUV color 28.3510, -9.0470, 8.4622 looks on a white background.

Color Contrast Check

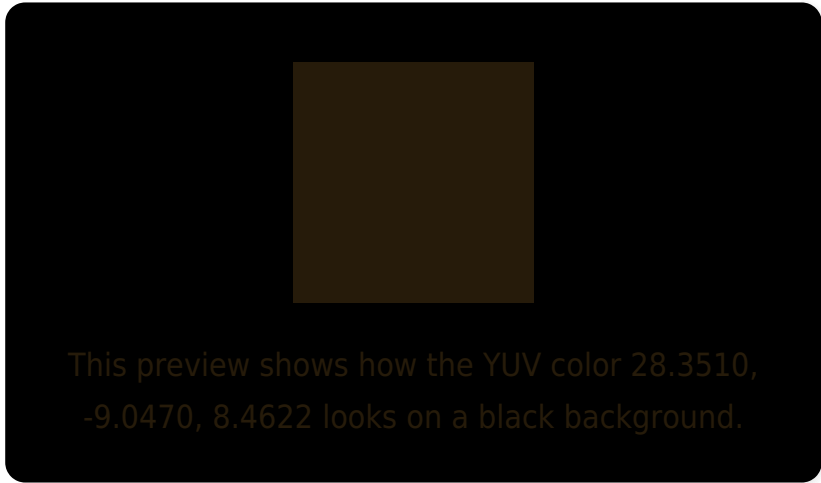
Large Text (above 18pt) WCAG AA ✓ Pass

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

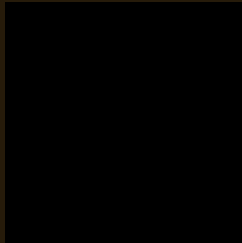
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.3510, -9.0470, 8.4622

Background



This preview shows how black text looks on a background with the YUV color 28.3510, -9.0470, 8.4622.

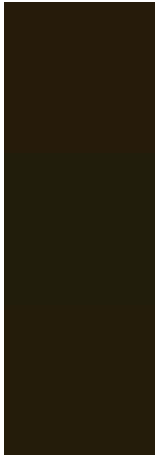


This preview shows how white text looks on a background with the YUV color 28.3510, -9.0470,

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

28.3510, -9.0470, 8.4622

Protanopia

28.1440, -8.4520, 4.2587

Deuteranopia

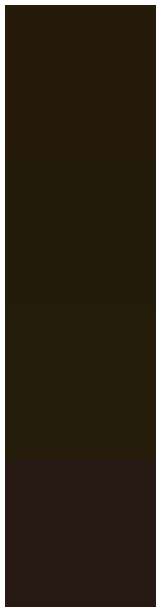
28.3400, -9.0416, 6.7178



Tritanopia

29.4140, -1.1901, 8.4069

Trichromacy



Original Color

28.3510, -9.0470, 8.4622

Protanomaly

28.1550, -8.4574, 6.0031

Deuteranomaly

28.6390, -9.1890, 7.3326

Tritanomaly

29.3170, -4.1003, 8.4920

Monochromacy



Original Color

28.3510, -9.0470, 8.4622

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.3980, -3.6472, 3.1590

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.3510, -9.0470, 8.4622 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(38, 27, 10)` looks like.

```
.text, #text, p{  
    color:rgb(38, 27, 10)  
}
```

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(38, 27, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 27, 10) }
```

Border

The CSS property to change the border of an element to YUV 28.3510, -9.0470, 8.4622 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(38, 27, 10) }
```


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

```
.border{ border-color:rgb(38, 27, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 27, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 27, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 27, 10);  
box-shadow:4px 4px 4px 4px rgb(38, 27, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.3510, -9.0470, 8.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 27, 10) }
```

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

```
.background{ background-color: rgb(38, 27,  
10) }
```

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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