

Converting Colors

YUV(27.8130, -9.7678, 6.3030)

Have a look what the booklet for
YUV(27.8130, -9.7678, 6.3030)
contains.

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Color

**YUV(27.8130, -9.7678,
6.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	231C08
RGB	35, 28, 8
RGB Percent	14%, 11%, 3%
CMY	0.8627, 0.8902, 0.9686
CMYK	0.00, 0.20, 0.77, 0.86
HSL	44°, 63%, 8%
HSV	44°, 77%, 14%
XYZ	1.1522, 1.2054, 0.4017
YIQ	27.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

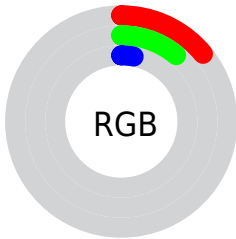
Format	Color
R_{YB}	17, 35, 8
Decimal	2300936
CIE Lab	10.60, 0.22, 12.53
CIE LCh	11, 12.527, 89.002
Yxy	1.2054, 0.4176, 0.4368
Android (android.graphics.Color)	4280491016 (0xFF231C08)
YUV	27.8130, -9.7678, 6.3030
Hunter-Lab	10.9789, -0.4798, 5.5161

Details

The YUV color **27.8130, -9.7678, 6.3030** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.1870, 9.7678, -6.3030**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.6390, -9.1890, 7.3326**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.7700, -11.2256, 7.2177**, and if you desaturate by 10%, it is **28.8560, -8.3100, 5.3883**.

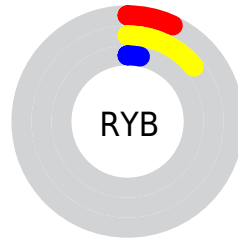
Distribution



Red (14%)

Green (11%)

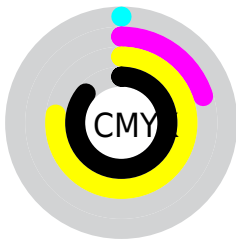
Blue (3%)



Red (7%)

Yellow (14%)

Blue (3%)

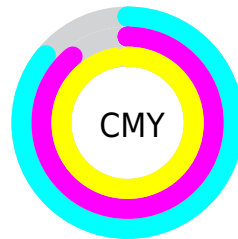


Cyan (0%)

Magenta (20%)

Yellow (77%)

Black (86%)



Cyan (86%)

Magenta (89%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.8130, -9.7678, 6.3030 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 27.8130, -9.7678, 6.3030 by changing the saturation by 10% instead.

■ 27.8130, -9.7678,
6.3030

■ 27.8130, -9.7678,
6.3030

■ 252.3780,
-10.0464, 2.2995

■ 2.3700, -1.1684,
1.4295

■ 71.6390, -9.1890,
7.3326

■ 0.0000, 0.0000,
0.0000

■ 95.4110, -10.0626,
7.5326


■ 120.2970,
-10.4994, 7.6325


■ 145.5960,
-10.6468, 8.2473


■ 172.4820,
-11.0836, 8.3473


■ 199.7810,


-11.2310, 8.9621


 227.9660,
-11.8152, 9.6768


 27.8130, -9.7678,
6.3030


 27.8130, -9.7678,
6.3030


 26.7700, -11.2256,
7.2177


 28.8560, -8.3100,
5.3883


 25.8410, -12.2466,
8.0324

 29.7850, -7.2890,
4.5736

 25.7270, -12.6834,
8.1324

 30.7140, -6.2680,
3.7588

 31.7570, -4.8102,
2.8441

 32.6860, -3.7892,
2.0294

■ 33.1420, -2.0420,
1.6295

■ 34.1850, -0.5842,
0.7148

■ 35.1140, 0.4368,
-0.1000

■ 36.1570, 1.8946,
-1.0147

Harmonies

Analogous

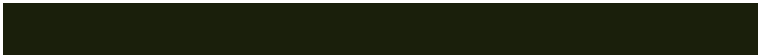
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.4160, -7.6001, 11.0362



27.8130, -9.7678, 6.3030



27.2250, -7.9989, -1.0743

Triad

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



27.8130, -9.7678, 6.3030



23.5890, 6.6116, -20.6876



30.0810, 3.9041, 7.8220

Complementary

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



27.8130, -9.7678, 6.3030



15.1870, 9.7678, -6.3030

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.



29.4220, 6.6940, -0.3701



27.8130, -9.7678, 6.3030



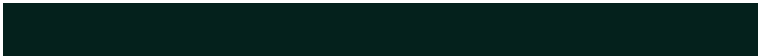
23.9850, 9.3744, -20.1578

Square

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



27.8130, -9.7678, 6.3030



23.7590, 2.0908, -17.3286



27.3390, 9.1999, -10.8213



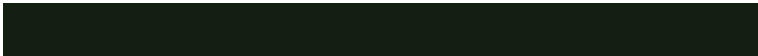
29.3760, -0.1854, 12.8252

Rectangle

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



27.8130, -9.7678, 6.3030



26.4030, -4.6357, -6.4924



27.3390, 9.1999, -10.8213



29.4120, 5.2199, 5.7777

Sweetspot

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



27.8130, -9.7678, 6.3030



42.9850, -3.9366, 2.6442



16.8710, -0.9224, 15.8991



21.1420, -2.0420, 1.6295



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.



27.8130, -9.7678, 6.3030



34.6410, -15.5990, 9.9618



30.1280, -10.9091, -0.9893



17.1850, -0.5842, 0.7148



59.7380, -29.4508, 19.5238



153.4760, -75.6637, 48.6945

Inverse Universe

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



15.1870, 9.7678, -6.3030



14.3590, 15.5990, -9.9618



12.8720, 10.9091, 0.9893



16.8150, 0.5842, -0.7148



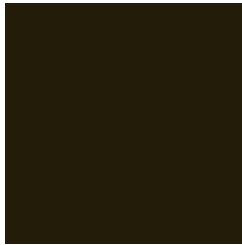
21.6750, 29.7402, -19.0090



55.5240, 75.6637, -48.6945

Previews

White Background



This preview shows how the YUV color 27.8130, -9.7678, 6.3030 looks on a white background.

Color Contrast Check

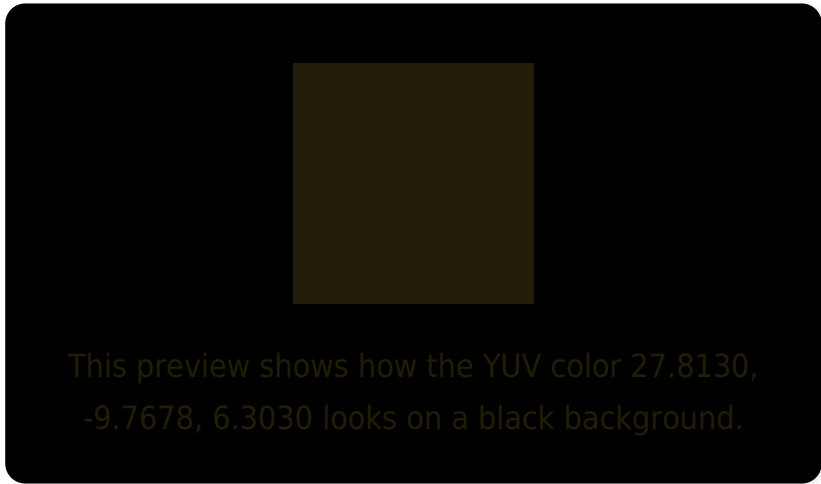
Large Text (above 18pt) WCAG AA ✓ Pass

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

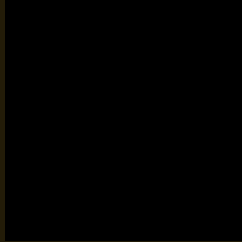
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.8130, -9.7678, 6.3030

Background



This preview shows how black text looks on a background with the YUV color 27.8130, -9.7678, 6.3030.

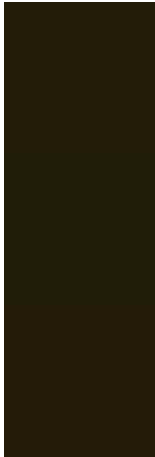


This preview shows how white text looks on a background with the YUV color 27.8130, -9.7678,

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

27.8130, -9.7678, 6.3030

Protanopia

27.5030, -9.6150, 3.9439

Deuteranopia

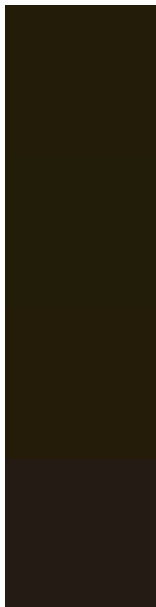
27.5250, -9.6258, 7.4326



Tritanopia

29.2180, -0.6005, 5.9478

Trichromacy



Original Color

27.8130, -9.7678, 6.3030

Protanomaly

27.8020, -9.7624, 4.5586

Deuteranomaly

27.5250, -9.6258, 7.4326

Tritanomaly

29.0070, -3.9475, 6.1329

Monochromacy



Original Color

27.8130, -9.7678, 6.3030

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.8130, -9.7678, 6.3030 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, 8)` looks like.

```
.text, #text, p{  
    color:rgb(35, 28, 8)  
}
```

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, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 28, 8) }
```

Border

The CSS property to change the border of an element to YUV 27.8130, -9.7678, 6.3030 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, 8) }
```


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

```
.border{ border-color:rgb(35, 28, 8) }
```

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, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 28, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 28, 8); box-shadow:4px  
4px 4px 4px rgb(35, 28, 8) }
```

Background

The CSS property to change the background color of an element to YUV 27.8130, -9.7678, 6.3030 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, 8) }
```

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

```
.background{ background-color: rgb(35, 28,  
8) }
```

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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