

Converting Colors

YUV(27.9030, -2.9102, 0.0851)

Have a look what the booklet for
YUV(27.9030, -2.9102, 0.0851)
contains.

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Color

**YUV(27.9030, -2.9102,
0.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1D16
RGB	28, 29, 22
RGB Percent	11%, 11%, 9%
CMY	0.8902, 0.8863, 0.9137
CMYK	0.03, 0.00, 0.24, 0.89
HSL	69°, 14%, 10%
HSV	69°, 24%, 11%
XYZ	1.0631, 1.1835, 0.9315
YIQ	27.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

Format	Color
R_{YB}	22, 29, 23
Decimal	1842454
CIE Lab	10.44, -2.13, 4.67
CIE LCh	10, 5.131, 114.498
Yxy	1.1835, 0.3345, 0.3724
Android (android.graphics.Color)	4280032534 (0xFF1C1D16)
YUV	27.9030, -2.9102, 0.0851
Hunter-Lab	10.8790, -1.5957, 2.5389

Details

The YUV color **27.9030, -2.9102, 0.0851** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23.0970, 2.9102, -0.0851**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.7890, -3.3470, 0.1850**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.5610, -4.2206, 0.3850**, and if you desaturate by 10%, it is **28.2450, -1.5998, -0.2149**.

Distribution



Red (11%)

Green (11%)

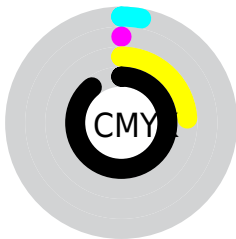
Blue (9%)



Red (9%)

Yellow (11%)

Blue (9%)



Cyan (3%)

Magenta (0%)

Yellow (24%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.9030, -2.9102, 0.0851 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 27.9030, -2.9102, 0.0851 by changing the saturation by 10% instead.

■ 27.9030, -2.9102,
0.0851

■ 27.9030, -2.9102,
0.0851

■ 254.0880, -3.4944,
0.7998

■ 1.7610, -0.8682,
-1.5444

■ 70.7890, -3.3470,
0.1850

■ 0.0000, 0.0000,
0.0000

■ 94.7890, -3.3470,
0.1850

■ 119.6750, -3.7838,
0.2850

■ 145.2620, -4.0732,
-0.2298

■ 171.6750, -3.7838,
0.2850

■ 198.6750, -3.7838,

0.2850

■ 227.2620, -4.0732,
-0.2298

■ 27.9030, -2.9102,
0.0851

■ 27.9030, -2.9102,
0.0851

■ 27.5610, -4.2206,
0.3850

■ 28.2450, -1.5998,
-0.2149

■ 26.9200, -5.3836,
0.0702

■ 28.8860, -0.4368,
0.1000

■ 26.5780, -6.6940,
0.3701

■ 29.2280, 0.8736,
-0.2000

■ 25.9370, -7.8569,
0.0553

■ 29.8690, 2.0366,
0.1149

■ 25.5950, -9.1673,
0.3552

■ 30.2110, 3.3470,
-0.1850

■ 25.3670, -10.0409,
0.5551

■ 30.4390, 4.2206,
-0.3850

■ 24.7260, -11.2039,
0.2403

■ 31.0800, 5.3836,
-0.0702

■ 24.4980, -12.0775,
0.4403

■ 31.4220, 6.6940,
-0.3701

■ 32.0630, 7.8569,
-0.0553

Harmonies

Analogous

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



28.3980, -3.6472, 3.1590



27.9030, -2.9102, 0.0851



27.5220, -1.7363, -3.0888

Triad

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



27.9030, -2.9102, 0.0851



27.4660, 3.2213, -6.5477



29.0330, -0.0163, 5.2331

Complementary

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



27.9030, -2.9102, 0.0851



23.0970, 2.9102, -0.0851

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.



29.0650, 1.4470, 2.5740



27.9030, -2.9102, 0.0851



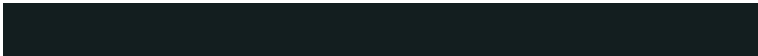
28.1890, 3.3578, -3.6738

Square

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



27.9030, -2.9102, 0.0851



26.8250, 2.0583, -6.8625



28.7980, 3.0576, -0.6998



28.9900, -1.4741, 6.1478

Rectangle

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



27.9030, -2.9102, 0.0851



27.1520, -0.5679, -4.5183



28.7980, 3.0576, -0.6998



28.8480, 0.5679, 4.5183

Sweetspot

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



27.9030, -2.9102, 0.0851



37.7720, -0.8736, 0.2000



24.6800, -1.3212, 3.7886



19.8860, -0.4368, 0.1000



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



27.9030, -2.9102, 0.0851



36.4470, -4.6574, 0.4850



27.0060, -2.4680, -1.7593



14.8860, -0.4368, 0.1000



66.7050, -32.8856, 1.1357



174.4320, -85.9950, 2.2521

Inverse Universe

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



23.0970, 2.9102, -0.0851



28.8520, 4.5100, 0.1298



23.9940, 2.4680, 1.7593



14.1140, 0.4368, -0.1000



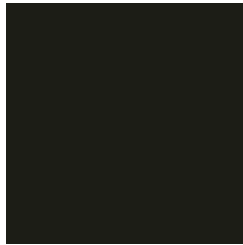
12.2950, 32.8856, -1.1357



32.5680, 85.9950, -2.2521

Previews

White Background



This preview shows how the YUV color 27.9030, -2.9102, 0.0851 looks on a white background.

Color Contrast Check

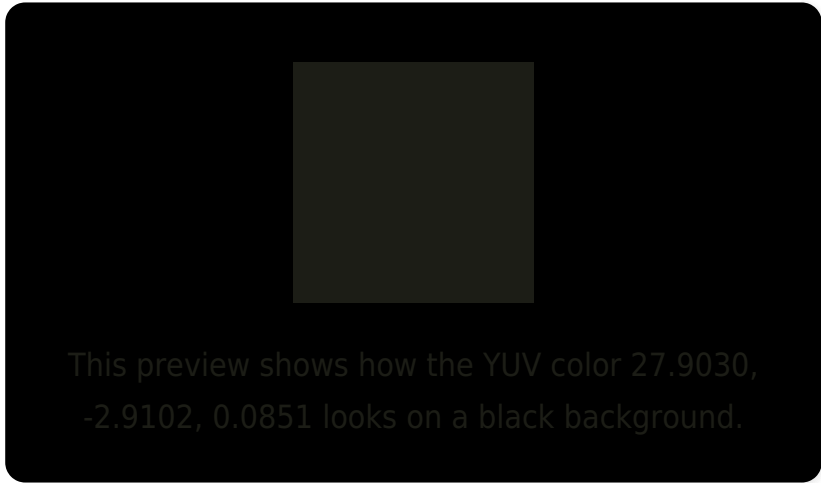
Large Text (above 18pt) WCAG AA ✓ Pass

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

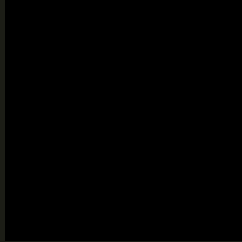
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.9030, -2.9102, 0.0851

Background



This preview shows how black text looks on a background with the YUV color 27.9030, -2.9102, 0.0851.



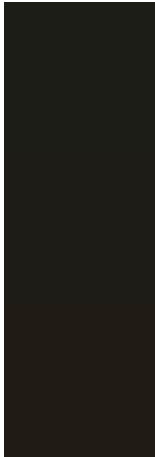
This preview shows how white text looks on a background with the YUV color 27.9030, -2.9102,

0.0851.

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

27.9030, -2.9102, 0.0851

Protanopia

27.9140, -2.9156, 1.8294

Deuteranopia

28.2240, -3.0684, 4.1886



Tritanopia

28.5270, 0.7262, 0.4148

Trichromacy



Original Color

27.9030, -2.9102, 0.0851

Protanomaly

27.6150, -2.7682, 1.2146

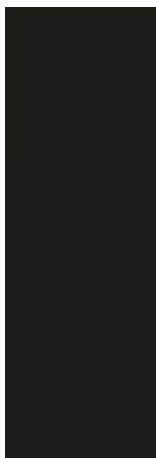
Deuteranomaly

28.2130, -3.0630, 2.4442

Tritanomaly

28.1850, -0.5842, 0.7148

Monochromacy



Original Color

27.9030, -2.9102, 0.0851

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.9030, -2.9102, 0.0851 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(28, 29, 22)` looks like.

```
.text, #text, p{  
    color:rgb(28, 29, 22)  
}
```

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(28, 29, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 29, 22) }
```

Border

The CSS property to change the border of an element to YUV 27.9030, -2.9102, 0.0851 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(28, 29, 22) }
```


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

```
.border{ border-color:rgb(28, 29, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 29, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 29, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 29, 22);  
box-shadow:4px 4px 4px 4px rgb(28, 29, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.9030, -2.9102, 0.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 29, 22) }
```

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

```
.background{ background-color: rgb(28, 29,  
22) }
```

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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