

Converting Colors

YUV(28.3230, 10.1938, -2.9143)

Have a look what the booklet for
YUV(28.3230, 10.1938, -2.9143)
contains.

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Color

**YUV(28.3230, 10.1938,
-2.9143)**

Conversions

Conversions Part 1

Format	Color
Hex	191A31
RGB	25, 26, 49
RGB Percent	10%, 10%, 19%
CMY	0.9020, 0.8980, 0.8078
CMYK	0.49, 0.47, 0.00, 0.81
HSL	238°, 32%, 15%
HSV	238°, 49%, 19%
XYZ	1.3247, 1.1672, 3.0612
YIQ	28.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

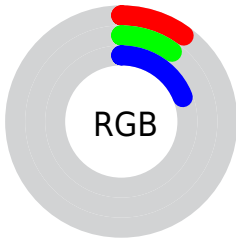
Format	Color
RYB	25, 26, 49
Decimal	1645105
CIELab	10.31, 6.91, -15.45
CIElCh	10, 16.921, 294.092
Yxy	1.1672, 0.2385, 0.2102
Android (android.graphics.Color)	4279835185 (0xFF191A31)
YUV	28.3230, 10.1938, -2.9143
Hunter-Lab	10.8038, 2.9797, -9.2370

Details

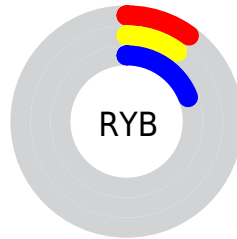
The YUV color **28.3230, 10.1938, -2.9143** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **45.6770, -10.1938, 2.9143**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.2630, 11.2093, -1.9847**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.8930, 12.3778, -3.4142**, and if you desaturate by 10%, it is **32.7530, 8.0098, -2.4144**.

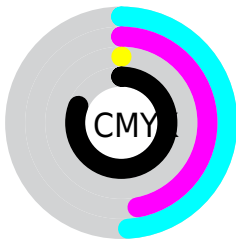
Distribution



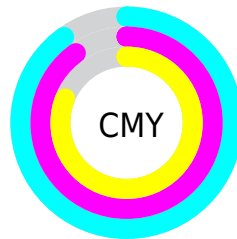
- Red (10%)
- Green (10%)
- Blue (19%)



- Red (10%)
- Yellow (10%)
- Blue (19%)



- Cyan (49%)
- Magenta (47%)
- Yellow (0%)
- Black (81%)



- Cyan (90%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.3230, 10.1938, -2.9143 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 28.3230, 10.1938, -2.9143 by changing the saturation by 10% instead.

■ 28.3230, 10.1938,
-2.9143

■ 28.3230, 10.1938,
-2.9143

■ 253.8260, 0.5788,
1.0296

■ 3.4910, 12.0829,
-2.1846

■ 72.2630, 11.2093,
-1.9847

■ 0.0000, 0.0000,
0.0000

■ 95.7900, 11.9355,
-1.5698

■ 120.6050, 12.5197,
-2.2846

■ 146.6050, 12.5197,
-2.2846

■ 173.1320, 13.2459,
-1.8698

■ 200.2460, 13.6827,

-1.9697

■ 228.1320, 13.2459,
-1.8698

■ 28.3230, 10.1938,
-2.9143

■ 28.3230, 10.1938,
-2.9143

■ 23.8930, 12.3778,
-3.4142

■ 32.7530, 8.0098,
-2.4144

■ 20.0500, 14.2724,
-4.4288

■ 36.5960, 6.1152,
-1.3997

■ 15.6200, 16.4563,
-4.9287

■ 41.0260, 3.9312,
-0.8998

■ 11.1900, 18.6403,
-5.4286

■ 45.4560, 1.7472,
-0.3999

■ 7.3470, 20.5349,
-6.4433

■ 49.2990, -0.1474,
0.6148

■ 6.7600, 20.8243,
-5.9285

■ 53.4300, -2.1840,
0.4999

■ 57.8600, -4.3680,
0.9998

■ 62.2900, -6.5520,
1.4997

■ 66.1330, -8.4466,
2.5144

Harmonies

Analogous

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



23.4240, 13.5950, -20.5428



28.3230, 10.1938, -2.9143



29.0750, 6.3720, 9.5812

Triad

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



28.3230, 10.1938, -2.9143



27.2380, -10.9633, 16.4543



22.8080, 1.0807, -20.0026

Complementary

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



28.3230, 10.1938, -2.9143



45.6770, -10.1938, 2.9143

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.



24.3270, -6.0772, -10.8108



28.3230, 10.1938, -2.9143



27.2110, -13.4150, 9.4620

Square

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



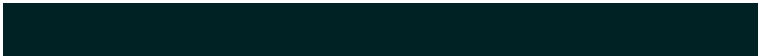
28.3230, 10.1938, -2.9143



27.9700, -4.4222, 18.4433



25.6830, -12.6617, 1.1550



24.1760, 6.3222, -21.2024

Rectangle

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



28.3230, 10.1938, -2.9143



28.8970, 3.0088, 14.9993



25.6830, -12.6617, 1.1550



22.3520, -0.6665, -19.6027

Sweetspot

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



28.3230, 10.1938, -2.9143



55.7270, 4.0786, -1.5146



41.7100, 3.1010, -14.6547



27.6840, 2.6208, -0.5999



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



28.3230, 10.1938, -2.9143



31.5060, 16.0195, -4.8288



31.0250, 8.8617, 4.3631



23.3420, 1.3104, -0.2999



12.4940, 37.7175, -10.9572



30.0210, 92.1806, -26.3284

Inverse Universe

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



32.2900, -3.1010, 14.6547



37.5900, -4.7279, 23.1616



42.9750, -8.8617, -4.3631



23.8970, -0.4422, 1.8443



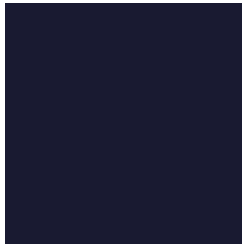
27.0670, -11.3720, 54.3152



65.9090, -28.0561, 132.5068

Previews

White Background



This preview shows how the YUV color 28.3230, 10.1938, -2.9143 looks on a white background.

Color Contrast Check

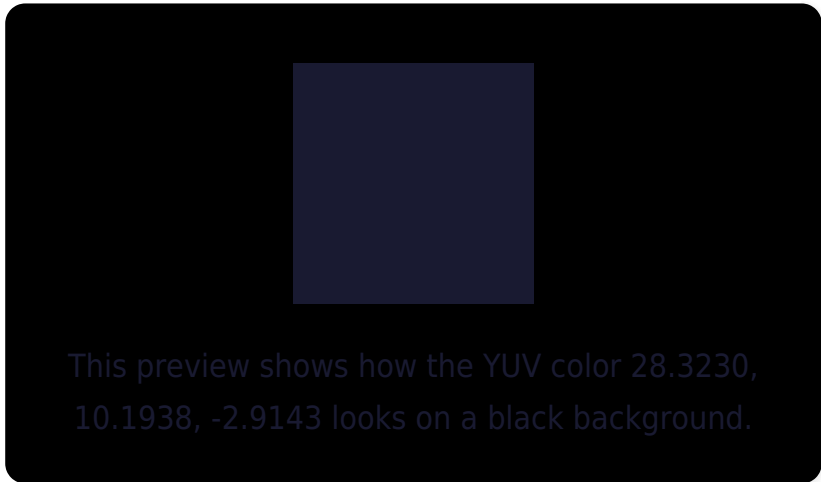
Large Text (above 18pt) WCAG AA ✓ Pass

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

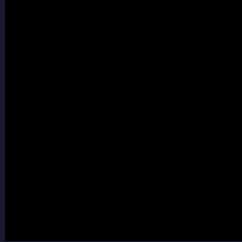
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.3230, 10.1938, -2.9143

Background



This preview shows how black text looks on a background with the YUV color 28.3230, 10.1938, -2.9143.



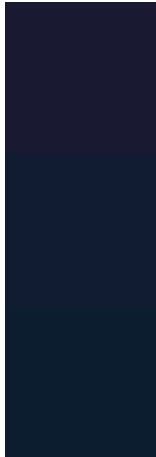
This preview shows how white text looks on a background with the YUV color 28.3230, 10.1938,

-2.9143.

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

28.3230, 10.1938, -2.9143

Protanopia

27.2190, 11.2310, -8.9621

Deuteranopia

26.3820, 10.6577, -11.7360



Tritanopia

27.2380, 2.3477, -6.3477

Trichromacy



Original Color

28.3230, 10.1938, -2.9143

Protanomaly

27.5290, 11.0782, -6.6029

Deuteranomaly

26.9910, 10.3574, -8.7621

Tritanomaly

27.9330, 4.9630, -5.2032

Monochromacy



Original Color

28.3230, 10.1938, -2.9143

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.3230, 10.1938, -2.9143 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(25, 26, 49)` looks like.

```
.text, #text, p{  
    color:rgb(25, 26, 49)  
}
```

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(25, 26, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 26, 49) }
```

Border

The CSS property to change the border of an element to YUV 28.3230, 10.1938, -2.9143 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(25, 26, 49) }
```


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

```
.border{ border-color:rgb(25, 26, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 26, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 26, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 26, 49);  
box-shadow:4px 4px 4px 4px rgb(25, 26, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.3230, 10.1938, -2.9143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 26, 49) }
```

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

```
.background{ background-color: rgb(25, 26,  
49) }
```

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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