

Converting Colors

YUV(32.7230, -3.3144, -10.2811)

Have a look what the booklet for
YUV(32.7230, -3.3144, -10.2811)
contains.

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Color

**YUV(32.7230, -3.3144,
-10.2811)**

Conversions

Conversions Part 1

Format	Color
Hex	15281A
RGB	21, 40, 26
RGB Percent	8%, 16%, 10%
CMY	0.9176, 0.8431, 0.8980
CMYK	0.47, 0.00, 0.35, 0.84
HSL	136°, 31%, 12%
HSV	136°, 48%, 16%
XYZ	1.2545, 1.7516, 1.2493
YIQ	32.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

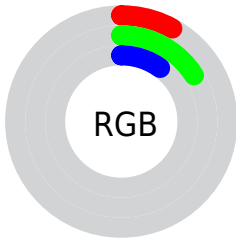
Format	Color
R_{YB}	21, 36, 40
Decimal	1386522
CIE Lab	14.13, -11.69, 6.83
CIE LCh	14, 13.539, 149.694
Yxy	1.7516, 0.2948, 0.4116
Android (android.graphics.Color)	4279576602 (0xFF15281A)
YUV	32.7230, -3.3144, -10.2811
Hunter-Lab	13.2348, -6.2411, 3.6679

Details

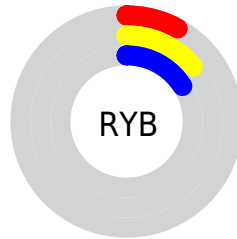
The YUV color **32.7230, -3.3144, -10.2811** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28.2770, 3.3144, 10.2811**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.1960, -4.0406, -10.6959**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.1850, -4.0352, -12.4402**, and if you desaturate by 10%, it is **34.2610, -2.5937, -8.1219**.

Distribution



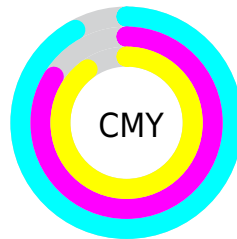
- Red (8%)
- Green (16%)
- Blue (10%)



- Red (8%)
- Yellow (14%)
- Blue (16%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (84%)



- Cyan (92%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.7230, -3.3144, -10.2811 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 32.7230, -3.3144, -10.2811 by changing the saturation by 10% instead.

■ 32.7230, -3.3144,
-10.2811

■ 32.7230, -3.3144,
-10.2811

■ 252.6790, 0.1583,
-4.1035

■ 11.7400, -5.7878,
-10.2960

■ 77.1960, -4.0406,
-10.6959

■ 0.0000, 0.0000,
0.0000

■ 101.4840, -4.1826,
-11.8255

■ 126.3700, -4.6194,
-11.7255

■ 152.0710, -4.4720,
-12.3403

■ 178.9570, -4.9088,
-12.2403

■ 206.6580, -4.7614,

-12.8551

■ 234.6580, -4.7614,
-12.8551

■ 32.7230, -3.3144,
-10.2811

■ 32.7230, -3.3144,
-10.2811

■ 31.1850, -4.0352,
-12.4402

■ 34.2610, -2.5937,
-8.1219

■ 29.6470, -4.7560,
-14.5994

■ 35.7990, -1.8729,
-5.9627

■ 28.1090, -5.4767,
-16.7586

■ 37.3370, -1.1521,
-3.8035

■ 26.5710, -6.1975,
-18.9178

■ 38.8750, -0.4314,
-1.6444

■ 25.0330, -6.9183,
-21.0769

■ 40.4130, 0.2894,
0.5148

■ 24.7340, -6.7709,
-21.6917

■ 41.9510, 1.0102,
2.6740

■ 43.4890, 1.7309,
4.8331

■ 45.0270, 2.4517,
6.9923

■ 46.5650, 3.1725,
9.1515

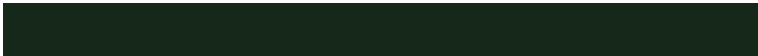
Harmonies

Analogous

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



34.0400, -7.4147, -1.7891



32.7230, -3.3144, -10.2811



30.4490, 2.2436, -19.6878

Triad

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



32.7230, -3.3144, -10.2811



34.5670, 10.0735, -11.0213



36.2470, -4.5588, 15.5694

Complementary

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



32.7230, -3.3144, -10.2811



28.2770, 3.3144, 10.2811

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.



36.3870, -0.1908, 14.5696



32.7230, -3.3144, -10.2811



36.3620, 7.7095, 0.5595

Square

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



32.7230, -3.3144, -10.2811



30.3160, 10.6902, -22.2021



37.2060, 4.3354, 9.4663



36.0140, -7.8949, 12.2657

Rectangle

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



32.7230, -3.3144, -10.2811



29.1540, 6.3331, -24.6911



37.2060, 4.3354, 9.4663



36.5890, -3.2484, 15.2694

Sweetspot

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



32.7230, -3.3144, -10.2811



48.3370, -1.1521, -3.8035



36.3390, -7.5621, -1.1743



24.0490, -1.0102, -2.6740



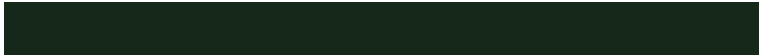
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



32.7230, -3.3144, -10.2811



39.9350, -4.8980, -15.7290



33.7490, 0.6167, -11.1809



19.2880, -0.1420, -1.1296



51.8160, -14.6993, -45.4426



130.8280, -36.8902, -114.7362

Inverse Universe

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



28.2770, 3.3144, 10.2811



33.0650, 4.8980, 15.7290



27.2510, -0.6167, 11.1809



18.8260, 0.5788, 1.0296



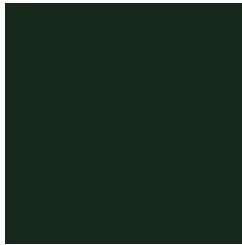
32.1840, 14.6993, 45.4426



81.1720, 36.8902, 114.7362

Previews

White Background



This preview shows how the YUV color 32.7230, -3.3144, -10.2811 looks on a white background.

Color Contrast Check

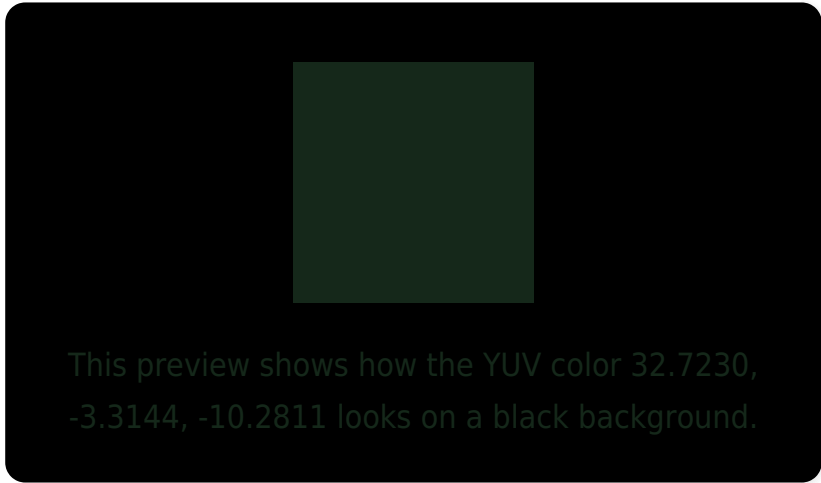
Large Text (above 18pt) WCAG AA ✓ Pass

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

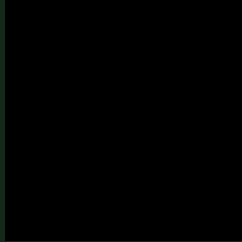
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.7230, -3.3144, -10.2811

Background



This preview shows how black text looks on a background with the YUV color 32.7230, -3.3144, -10.2811.



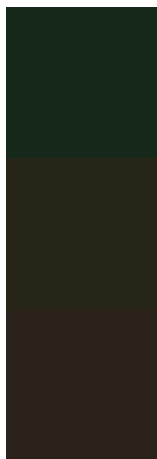
This preview shows how white text looks on a background with the YUV color 32.7230, -3.3144, -10.2811.

-10.2811.

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

32.7230, -3.3144, -10.2811

Protanopia

35.5290, -5.6838, 3.0441

Deuteranopia

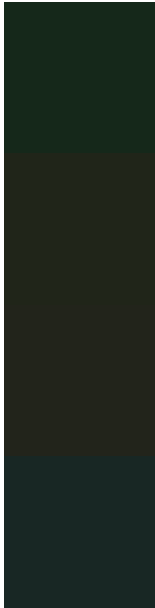
35.5940, -4.2368, 5.6181



Tritanopia

34.4550, 3.2267, -8.2920

Trichromacy



Original Color

32.7230, -3.3144, -10.2811

Protanomaly

34.1370, -4.5045, -1.8741

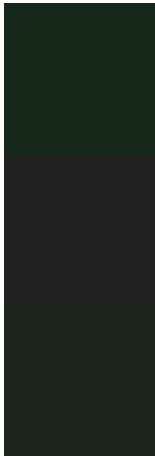
Deuteranomaly

34.3760, -3.6364, -0.3298

Tritanomaly

34.1730, 0.9007, -8.9217

Monochromacy



Original Color

32.7230, -3.3144, -10.2811

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.2230, -1.5889, -3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.7230, -3.3144, -10.2811 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(21, 40, 26)` looks like.

```
.text, #text, p{  
    color:rgb(21, 40, 26)  
}
```

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(21, 40, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 40, 26) }
```

Border

The CSS property to change the border of an element to YUV 32.7230, -3.3144, -10.2811 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(21, 40, 26) }
```


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

```
.border{ border-color:rgb(21, 40, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 40, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 40, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 40, 26);  
box-shadow:4px 4px 4px 4px rgb(21, 40, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.7230, -3.3144, -10.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 40, 26) }
```

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

```
.background{ background-color: rgb(21, 40,  
26) }
```

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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