

Converting Colors

YUV(32.6870, 11.4933, 0.2745)

Have a look what the booklet for
YUV(32.6870, 11.4933, 0.2745)
contains.

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Color

**YUV(32.6870, 11.4933,
0.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	211C38
RGB	33, 28, 56
RGB Percent	13%, 11%, 22%
CMY	0.8706, 0.8902, 0.7804
CMYK	0.41, 0.50, 0.00, 0.78
HSL	251°, 33%, 16%
HSV	251°, 50%, 22%
XYZ	1.7563, 1.4394, 3.9266
YIQ	32.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

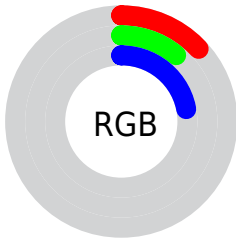
Format	Color
RYB	33, 28, 56
Decimal	2169912
CIELab	12.22, 10.56, -17.43
CIElCh	12, 20.377, 301.215
Yxy	1.4394, 0.2466, 0.2021
Android (android.graphics.Color)	4280359992 (0xFF211C38)
YUV	32.6870, 11.4933, 0.2745
Hunter-Lab	11.9974, 5.1348, -11.0070

Details

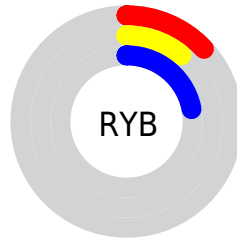
The YUV color **32.6870, 11.4933, 0.2745** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **51.3130, -11.4933, -0.2745**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.0400, 12.7983, 1.7189**, and **1.1400, 4.3680, -0.9998** is the 20% darker color. If you saturate the color by 10%, you get **27.6700, 13.9667, 0.2894**, and if you desaturate by 10%, it is **37.7040, 9.0199, 0.2596**.

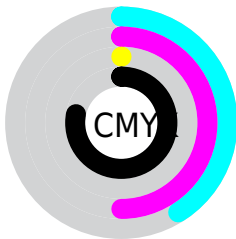
Distribution



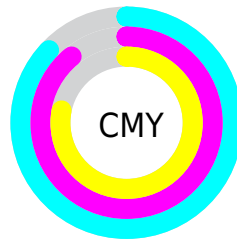
- Red (13%)
- Green (11%)
- Blue (22%)



- Red (13%)
- Yellow (11%)
- Blue (22%)



- Cyan (41%)
- Magenta (50%)
- Yellow (0%)
- Black (78%)



- Cyan (87%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6870, 11.4933, 0.2745 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 32.6870, 11.4933, 0.2745 by changing the saturation by 10% instead.

■ 32.6870, 11.4933,
0.2745

■ 32.6870, 11.4933,
0.2745

■ 255.0000, 0.0000,
0.0000

■ 9.3500, 12.6454,
4.0781

■ 77.0400, 12.7983,
1.7189

■ 1.1400, 4.3680,
-0.9998

■ 101.1540, 13.2351,
1.6189

■ 0.0000, 0.0000,
0.0000

■ 126.2680, 13.6719,
1.5190

■ 152.3820, 14.1087,
1.4190

■ 178.9090, 14.8349,
1.8338

■ 206.3220, 15.1243,

2.3486

233.1820, 10.7563,
3.3484

32.6870, 11.4933,
0.2745

32.6870, 11.4933,
0.2745

27.6700, 13.9667,
0.2894

37.7040, 9.0199,
0.2596

23.5390, 16.0033,
0.4043

41.8350, 6.9833,
0.1447

18.5220, 18.4767,
0.4192

46.8520, 4.5100,
0.1298

14.3910, 20.5132,
0.5341

50.9830, 2.4734,
0.0149

9.3740, 22.9866,
0.5490

56.0000, 0.0000,
0.0000

■ 61.0170, -2.4734,
-0.0149

■ 65.1480, -4.5100,
-0.1298

■ 70.1650, -6.9833,
-0.1447

■ 74.2960, -9.0199,
-0.2596

Harmonies

Analogous

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



26.5100, 16.5106, -22.3723



32.6870, 11.4933, 0.2745



32.8090, 6.5032, 14.1995

Triad

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



32.6870, 11.4933, 0.2745



30.6250, -14.6051, 17.8689



26.5410, 2.6913, -23.2765

Complementary

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



32.6870, 11.4933, 0.2745



51.3130, -11.4933, -0.2745

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.



25.8530, -3.8715, -18.2881



32.6870, 11.4933, 0.2745



30.1570, -14.8674, 8.6323

Square

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



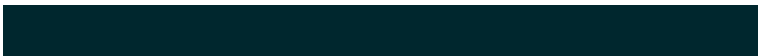
32.6870, 11.4933, 0.2745



31.4220, -6.6170, 22.4319



28.4330, -13.5245, -2.1337



28.1370, 8.8065, -24.6761

Rectangle

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



32.6870, 11.4933, 0.2745



32.4030, 2.2663, 19.8176



28.4330, -13.5245, -2.1337



25.9710, 0.5073, -22.7766

Sweetspot

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



32.6870, 11.4933, 0.2745



64.8520, 4.5100, 0.1298



44.6930, 5.5744, -14.6398



32.3960, 2.7628, 0.5297



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



32.6870, 11.4933, 0.2745



37.4080, 18.0399, 0.5192



36.8730, 9.4296, 8.8814



25.6410, 1.1630, 0.3148



15.2720, 37.8269, 0.6385



36.6270, 89.9099, 2.0811

Inverse Universe

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



38.9940, 5.9190, 14.9143



47.2600, 9.2388, 23.4510



47.1270, -9.4296, -8.8814



26.2390, 0.8682, 1.5444



36.0580, 19.1984, 49.0611



86.0010, 46.3415, 116.6401

Previews

White Background



This preview shows how the YUV color 32.6870, 11.4933, 0.2745 looks on a white background.

Color Contrast Check

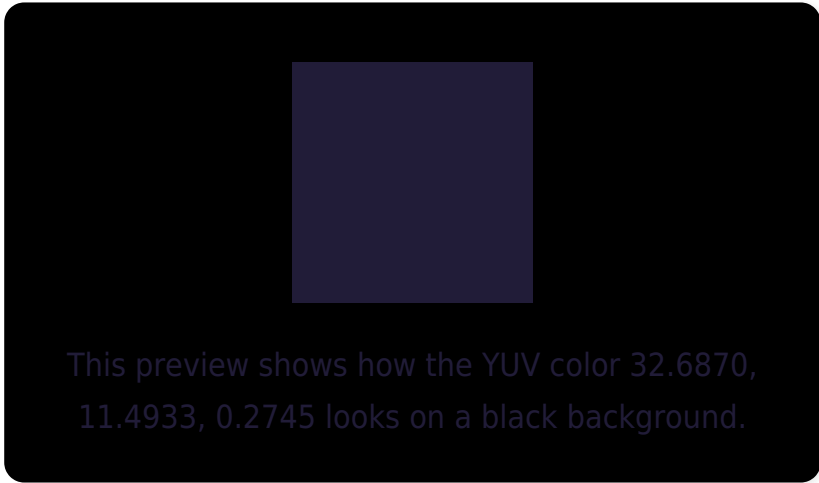
Large Text (above 18pt) WCAG AA ✓ Pass

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

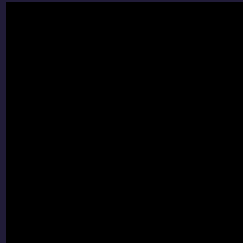
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.6870, 11.4933, 0.2745

Background



This preview shows how black text looks on a background with the YUV color 32.6870, 11.4933, 0.2745.



This preview shows how white text looks on a background with the YUV color 32.6870, 11.4933,

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

32.6870, 11.4933, 0.2745

Protanopia

30.3050, 14.1466, -10.7915

Deuteranopia

29.5390, 12.5523, -12.7507



Tritanopia

31.8470, 2.0474, -3.3738

Trichromacy



Original Color

32.6870, 11.4933, 0.2745

Protanomaly

31.0990, 13.2622, -7.1028

Deuteranomaly

31.0450, 11.8098, -7.9325

Tritanomaly

32.0690, 5.3890, -1.8145

Monochromacy



Original Color

32.6870, 11.4933, 0.2745

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.7380, 4.0732, 0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6870, 11.4933, 0.2745 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(33, 28, 56)` looks like.

```
.text, #text, p{  
    color:rgb(33, 28, 56)  
}
```

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(33, 28, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 28, 56) }
```

Border

The CSS property to change the border of an element to YUV 32.6870, 11.4933, 0.2745 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(33, 28, 56) }
```


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

```
.border{ border-color:rgb(33, 28, 56) }
```

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

Here you see how a box with a 4 pixel rgb(33, 28, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 28, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 28, 56);  
box-shadow:4px 4px 4px 4px rgb(33, 28, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6870, 11.4933, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 28, 56) }
```

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

```
.background{ background-color: rgb(33, 28,  
56) }
```

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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