

Converting Colors

YUV(32.6880, 10.0138, 8.1666)

Have a look what the booklet for
YUV(32.6880, 10.0138, 8.1666)
contains.

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Color

**YUV(32.6880, 10.0138,
8.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1835
RGB	42, 24, 53
RGB Percent	16%, 9%, 21%
CMY	0.8353, 0.9059, 0.7922
CMYK	0.21, 0.55, 0.00, 0.79
HSL	277°, 38%, 15%
HSV	277°, 55%, 21%
XYZ	1.9241, 1.4025, 3.5375
YIQ	32.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

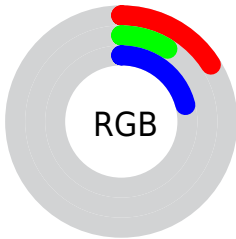
Format	Color
R_YB	42, 24, 53
Decimal	2758709
CIE Lab	11.97, 15.69, -15.59
CIE LCh	12, 22.115, 315.190
Yxy	1.4025, 0.2803, 0.2043
Android (android.graphics.Color)	4280948789 (0xFF2A1835)
YUV	32.6880, 10.0138, 8.1666
Hunter-Lab	11.8429, 8.2752, -9.4198

Details

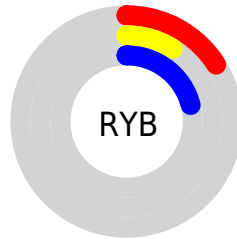
The YUV color **32.6880, 10.0138, 8.1666** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **44.3120, -10.0138, -8.1666**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.0410, 11.3188, 9.6110**, and **0.4560, 1.7472, -0.3999** is the 20% darker color. If you saturate the color by 10%, you get **29.1550, 11.7556, 9.5111**, and if you desaturate by 10%, it is **36.2210, 8.2720, 6.8222**.

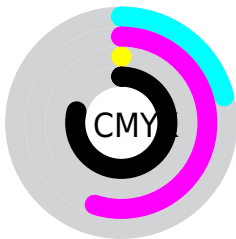
Distribution



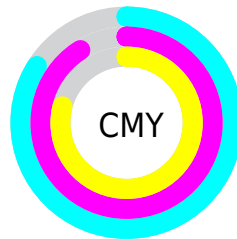
- Red (16%)
- Green (9%)
- Blue (21%)



- Red (16%)
- Yellow (9%)
- Blue (21%)



- Cyan (21%)
- Magenta (55%)
- Yellow (0%)
- Black (79%)



- Cyan (84%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6880, 10.0138, 8.1666 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 32.6880, 10.0138, 8.1666 by changing the saturation by 10% instead.

■ 32.6880, 10.0138,
8.1666

■ 32.6880, 10.0138,
8.1666

■ 253.2390, 0.8682,
1.5444

■ 10.8240, 10.4398,
11.5554

■ 77.0410, 11.3188,
9.6110

■ 0.4560, 1.7472,
-0.3999

■ 101.4540, 11.6082,
10.1258

■ 0.0000, 0.0000,
0.0000

■ 126.8670, 11.8976,
10.6406

■ 152.2800, 12.1870,
11.1554

■ 179.3940, 12.6238,
11.0555

■ 206.8070, 12.9131,

11.5703

■ 234.4220, 10.1450,
12.7849

■ 32.6880, 10.0138,
8.1666

■ 32.6880, 10.0138,
8.1666

■ 29.1550, 11.7556,
9.5111

■ 36.2210, 8.2720,
6.8222

■ 25.0350, 13.7867,
11.3703

■ 40.3410, 6.2409,
4.9629

■ 21.5020, 15.5285,
12.7147

■ 43.8740, 4.4991,
3.6185

■ 17.9690, 17.2703,
14.0592

■ 47.4070, 2.7573,
2.2741

■ 15.9090, 18.2859,
14.9888

■ 51.5270, 0.7262,
0.4148

■ 55.0600, -1.0156,
-0.9296

■ 58.5930, -2.7573,
-2.2741

■ 62.1260, -4.4991,
-3.6185

■ 66.2460, -6.5303,
-5.4777

Harmonies

Analogous

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



29.9350, 15.3150, -12.2210



32.6880, 10.0138, 8.1666



31.5710, 4.1555, 20.5472

Triad

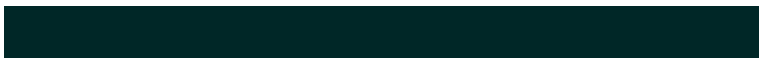
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.6880, 10.0138, 8.1666



30.4890, -15.0311, 14.4801



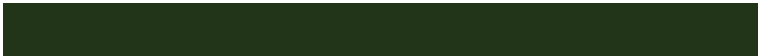
27.3390, 5.7489, -23.9763

Complementary

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



32.6880, 10.0138, 8.1666



44.3120, -10.0138, -8.1666

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.



24.9280, -0.9505, -21.8619



32.6880, 10.0138, 8.1666



29.5370, -14.5617, 3.9141

Square

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



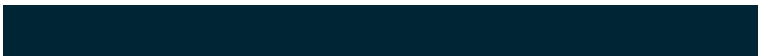
32.6880, 10.0138, 8.1666



30.3420, -12.0006, 22.5021



26.4860, -10.5926, -9.1962



28.3480, 12.1534, -24.8612

Rectangle

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



32.6880, 10.0138, 8.1666



30.9260, -0.9495, 24.6209



26.4860, -10.5926, -9.1962



26.7690, 3.5649, -23.4764

Sweetspot

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



32.6880, 10.0138, 8.1666



61.3470, 3.7729, 3.2037



33.7630, 9.4838, -8.5622



30.9940, 2.4680, 1.7593



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



32.6880, 10.0138, 8.1666



36.9150, 15.8179, 13.2295



35.6350, 7.0819, 15.2291



23.9400, 1.0156, 0.9296



26.5910, 30.7676, 24.9147



65.1030, 74.8852, 61.2997

Inverse Universe

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



33.9250, 0.5300, 16.7288



38.8060, 1.0816, 26.4801



41.3650, -7.0819, -15.2291



24.0110, -0.0054, 1.7444



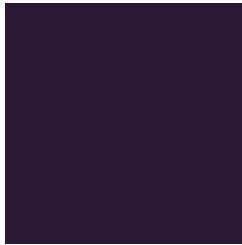
30.4870, 1.7319, 51.3159



74.2310, 3.8301, 125.2084

Previews

White Background



This preview shows how the YUV color 32.6880, 10.0138, 8.1666 looks on a white background.

Color Contrast Check

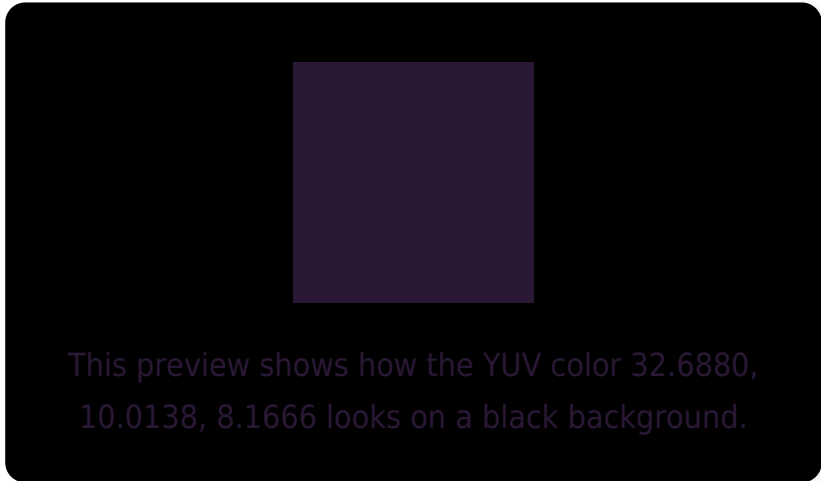
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6880, 10.0138, 8.1666

Background



This preview shows how black text looks on a background with the YUV color 32.6880, 10.0138, 8.1666.



This preview shows how white text looks on a background with the YUV color 32.6880, 10.0138,

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

32.6880, 10.0138, 8.1666

Protanopia

30.1200, 14.7308, -11.5062

Deuteranopia

30.8770, 9.9206, -8.6621



Tritanopia

32.3320, -0.1637, 5.8478

Trichromacy



Original Color

32.6880, 10.0138, 8.1666

Protanomaly

30.7080, 12.9620, -4.1289

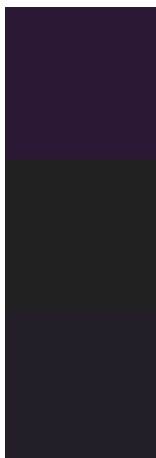
Deuteranomaly

31.6220, 10.0464, -2.2995

Tritanomaly

32.3690, 3.7621, 6.6924

Monochromacy



Original Color

32.6880, 10.0138, 8.1666

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6880, 10.0138, 8.1666 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(42, 24, 53)` looks like.

```
.text, #text, p{  
    color:rgb(42, 24, 53)  
}
```

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(42, 24, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 24, 53) }
```

Border

The CSS property to change the border of an element to YUV 32.6880, 10.0138, 8.1666 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(42, 24, 53) }
```


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

```
.border{ border-color:rgb(42, 24, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 24, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 24, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 24, 53);  
box-shadow:4px 4px 4px 4px rgb(42, 24, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6880, 10.0138, 8.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 24, 53) }
```

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

```
.background{ background-color: rgb(42, 24,  
53) }
```

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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