

Converting Colors

YUV(33.6670, -8.2168, 22.2170)

Have a look what the booklet for
YUV(33.6670, -8.2168, 22.2170)
contains.

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Color

**YUV(33.6670, -8.2168,
22.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1811
RGB	59, 24, 17
RGB Percent	23%, 9%, 7%
CMY	0.7686, 0.9059, 0.9333
CMYK	0.00, 0.59, 0.71, 0.77
HSL	10°, 55%, 15%
HSV	10°, 71%, 23%
XYZ	2.2314, 1.6235, 0.7261
YIQ	33.6670, 23.1070, 5.2430

Conversions

Conversions Part 2

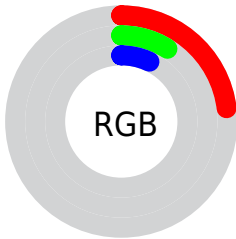
Format	Color
RYB	59, 25, 17
Decimal	3872785
CIELab	13.37, 16.56, 12.67
CIElCh	13, 20.854, 37.417
Yxy	1.6235, 0.4871, 0.3544
Android (android.graphics.Color)	4282062865 (0xFF3B1811)
YUV	33.6670, -8.2168, 22.2170
Hunter-Lab	12.7418, 8.9620, 5.5407

Details

The YUV color **33.6670, -8.2168, 22.2170** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.3330, 8.2168, -22.2170**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.2330, -9.9749, 26.1057**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.0480, -9.3907, 25.3909**, and if you desaturate by 10%, it is **37.2860, -7.0430, 19.0432**.

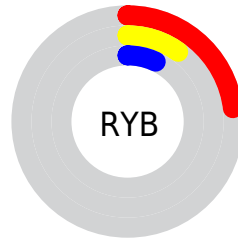
Distribution



Red (23%)

Green (9%)

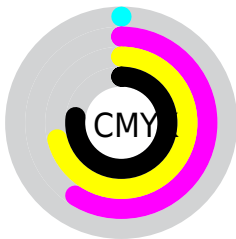
Blue (7%)



Red (23%)

Yellow (10%)

Blue (7%)

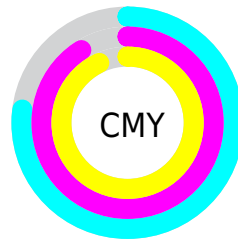


Cyan (0%)

Magenta (59%)

Yellow (71%)

Black (77%)



Cyan (77%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.6670, -8.2168, 22.2170 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 33.6670, -8.2168, 22.2170 by changing the saturation by 10% instead.

■ 33.6670, -8.2168,
22.2170

■ 33.6670, -8.2168,
22.2170

■ 252.2300, -5.5364,
2.4293

■ 11.0630, -5.4541,
22.7467

■ 79.2330, -9.9749,
26.1057

■ 0.0000, 0.0000,
0.0000

■ 103.7170,
-10.7065, 27.4352

■ 129.3150,
-11.0013, 28.6647

■ 155.2120,
-11.4435, 30.5091

■ 182.3970,
-12.0277, 31.2238

■ 209.9950,

-12.3225, 32.4534

■ 231.9010, -9.8112,
20.2578

■ 33.6670, -8.2168,
22.2170

■ 33.6670, -8.2168,
22.2170

■ 30.0480, -9.3907,
25.3909

■ 37.2860, -7.0430,
19.0432

■ 26.4290, -10.5645,
28.5648

■ 40.9050, -5.8692,
15.8693

■ 23.5110, -11.5909,
31.1239

■ 44.5240, -4.6953,
12.6955

■ 48.1430, -3.5215,
9.5216

■ 51.6480, -2.7845,
6.4477

■ 54.6800, -1.3212,
3.7886

■ 58.2990, -0.1474,
0.6148

■ 61.9180, 1.0264,
-2.5591

■ 65.5370, 2.2003,
-5.7329

Harmonies

Analogous

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



34.1000, -1.5283, 23.5913



33.6670, -8.2168, 22.2170



32.7990, -15.1839, 16.8393

Triad

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



33.6670, -8.2168, 22.2170



26.9880, -1.9661, -22.7915



31.3150, 15.6207, -16.9393

Complementary

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



33.6670, -8.2168, 22.2170



42.3330, 8.2168, -22.2170

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.



29.8470, 15.3584, -26.1758



33.6670, -8.2168, 22.2170



28.3990, 4.7333, -24.9059

Square

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



33.6670, -8.2168, 22.2170



30.2800, -11.4770, -5.5076



29.9950, 10.8485, -26.3056



35.4810, 10.6089, 3.9632

Rectangle

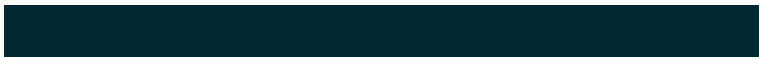
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.6670, -8.2168, 22.2170



32.5270, -16.0358, 10.0618



29.9950, 10.8485, -26.3056



28.3140, 17.1002, -24.8314

Sweetspot

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



33.6670, -8.2168, 22.2170



66.8440, -3.3741, 8.9068



33.5480, 9.0968, 22.3214



32.2780, -1.6161, 5.0182



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.



33.6670, -8.2168, 22.2170



37.1910, -12.9122, 34.9125



45.9940, -14.2940, 11.4063



28.8970, -0.4422, 1.8443



37.4980, -18.4865, 49.5523



88.0970, -43.4318, 117.4329

Inverse Universe

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



42.3330, 8.2168, -22.2170



50.8090, 12.9122, -34.9125



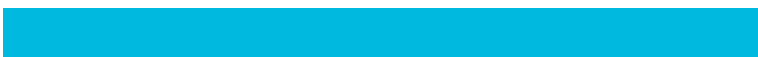
30.0060, 14.2940, -11.4063



29.5160, 0.7316, -1.3295



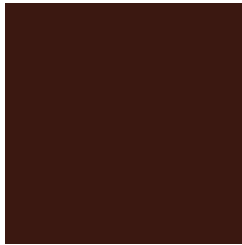
57.0890, 18.1971, -50.0671



133.9030, 43.4318, -117.4329

Previews

White Background



This preview shows how the YUV color 33.6670, -8.2168, 22.2170 looks on a white background.

Color Contrast Check

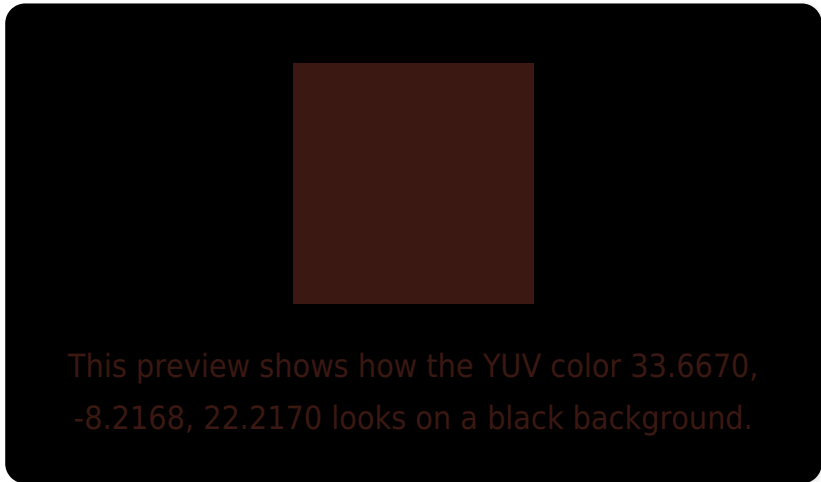
Large Text (above 18pt) WCAG AA ✓ Pass

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

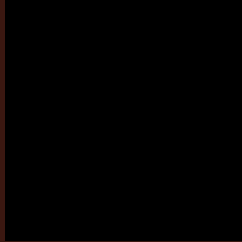
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.6670, -8.2168, 22.2170

Background



This preview shows how black text looks on a background with the YUV color 33.6670, -8.2168, 22.2170.

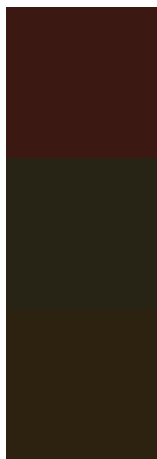


This preview shows how white text looks on a background with the YUV color 33.6670, -8.2168,

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

33.6670, -8.2168, 22.2170

Protanopia

34.6000, -6.7048, 3.8588

Deuteranopia

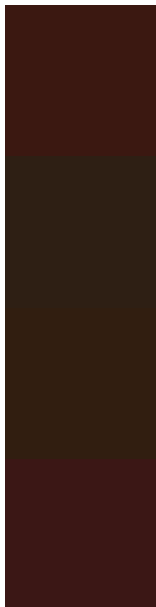
34.8240, -9.7732, 8.0474



Tritanopia

33.8780, -4.8699, 22.0320

Trichromacy



Original Color

33.6670, -8.2168, 22.2170

Protanomaly

34.2310, -7.0159, 10.3214

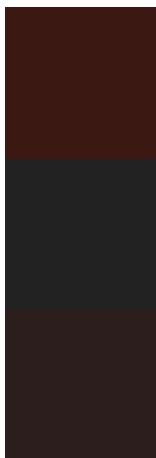
Deuteranomaly

34.0850, -8.9159, 13.0805

Tritanomaly

33.5360, -6.1802, 22.3319

Monochromacy



Original Color

33.6670, -8.2168, 22.2170

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.6590, -2.7899, 8.1921

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.6670, -8.2168, 22.2170 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(59, 24, 17)` looks like.

```
.text, #text, p{  
    color:rgb(59, 24, 17)  
}
```

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(59, 24, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 24, 17) }
```

Border

The CSS property to change the border of an element to YUV 33.6670, -8.2168, 22.2170 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(59, 24, 17) }
```


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

```
.border{ border-color:rgb(59, 24, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 24, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 24, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 24, 17);  
box-shadow:4px 4px 4px 4px rgb(59, 24, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.6670, -8.2168, 22.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 24, 17) }
```

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

```
.background{ background-color: rgb(59, 24,  
17) }
```

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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