

Converting Colors

YUV(33.2810, 7.2565, 5.8926)

Have a look what the booklet for
YUV(33.2810, 7.2565, 5.8926)
contains.

YUV(33.2810, 7.2565, 5.8926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(33.2810, 7.2565,
5.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	281B30
RGB	40, 27, 48
RGB Percent	16%, 11%, 19%
CMY	0.8431, 0.8941, 0.8118
CMYK	0.17, 0.44, 0.00, 0.81
HSL	277°, 28%, 15%
HSV	277°, 44%, 19%
XYZ	1.8005, 1.4484, 2.9810
YIQ	33.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

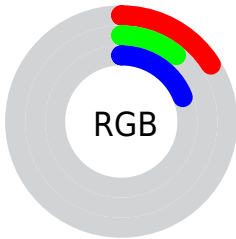
Format	Color
R_{YB}	40, 27, 48
Decimal	2628400
CIE Lab	12.28, 11.41, -11.53
CIE LCh	12, 16.217, 314.703
Yxy	1.4484, 0.2890, 0.2325
Android (android.graphics.Color)	4280818480 (0xFF281B30)
YUV	33.2810, 7.2565, 5.8926
Hunter-Lab	12.0349, 5.6439, -6.2614

Details

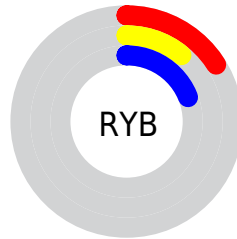
The YUV color **33.2810, 7.2565, 5.8926** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.7190, -7.2565, -5.8926**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.5200, 8.1246, 7.4370**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.7480, 8.9982, 7.2370**, and if you desaturate by 10%, it is **36.8140, 5.5147, 4.5481**.

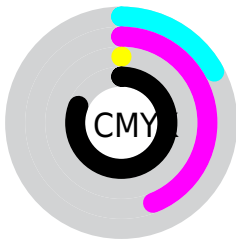
Distribution



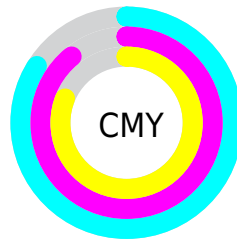
- Red (16%)
- Green (11%)
- Blue (19%)



- Red (16%)
- Yellow (11%)
- Blue (19%)



- Cyan (17%)
- Magenta (44%)
- Yellow (0%)
- Black (81%)



- Cyan (84%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.2810, 7.2565, 5.8926 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 33.2810, 7.2565, 5.8926 by changing the saturation by 10% instead.

■ 33.2810, 7.2565,
5.8926

■ 33.2810, 7.2565,
5.8926

■ 255.0000, 0.0000,
0.0000

■ 9.9440, 8.4086,
9.6961

■ 77.5200, 8.1246,
7.4370

■ 0.0000, 0.0000,
0.0000

■ 101.6340, 8.5614,
7.3370

■ 126.7480, 8.9982,
7.2370

■ 153.0470, 8.8508,
7.8518

■ 179.4600, 9.1402,
8.3666

■ 206.8730, 9.4296,

8.8814

234.9870, 9.8664,
8.7814

33.2810, 7.2565,
5.8926

33.2810, 7.2565,
5.8926

29.7480, 8.9982,
7.2370

36.8140, 5.5147,
4.5481

26.2150, 10.7400,
8.5814

40.3470, 3.7729,
3.2037

23.5680, 12.0450,
10.0259

42.9940, 2.4680,
1.7593

20.0350, 13.7867,
11.3703

46.5270, 0.7262,
0.4148

16.5020, 15.5285,
12.7147

50.0600, -1.0156,
-0.9296

■ 14.4420, 16.5441,
13.6444

■ 53.5930, -2.7573,
-2.2741

■ 57.1260, -4.4991,
-3.6185

■ 60.0720, -5.9515,
-4.4481

■ 63.3060, -7.5459,
-6.4074

Harmonies

Analogous

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



31.5290, 11.0782, -6.6029



33.2810, 7.2565, 5.8926



33.3700, 2.2826, 14.5845

Triad

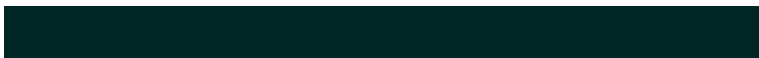
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.2810, 7.2565, 5.8926



30.9770, -11.8207, 11.4212



26.5240, 5.1647, -23.2615

Complementary

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



33.2810, 7.2565, 5.8926



41.7190, -7.2565, -5.8926

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.



25.8790, 0.0597, -19.1879



33.2810, 7.2565, 5.8926



30.2210, -11.9410, 3.3142

Square

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



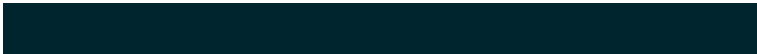
33.2810, 7.2565, 5.8926



31.7480, -7.7638, 16.8840



29.1210, -6.9617, -7.1221



27.0770, 9.8220, -23.7465

Rectangle

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



33.2810, 7.2565, 5.8926



32.8820, -0.9278, 17.6435



29.1210, -6.9617, -7.1221



26.1820, 3.8543, -22.9616

Sweetspot

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



33.2810, 7.2565, 5.8926



55.4070, 2.7573, 2.2741



34.0900, 6.8576, -6.2179



27.4670, 1.7418, 1.3444



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



33.2810, 7.2565, 5.8926



38.6280, 11.0294, 9.0962



35.4450, 5.2036, 11.0107



21.5270, 0.7262, 0.4148



26.0640, 30.0414, 24.4999



64.1630, 73.8696, 60.3700

Inverse Universe

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



34.1910, 0.3988, 12.1105



39.9360, 0.5246, 18.4731



39.5550, -5.2036, -11.0107



21.7120, 0.1420, 1.1296



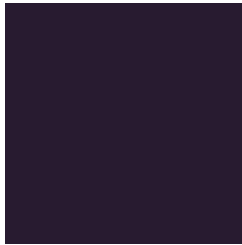
29.7750, 1.5899, 50.1863



73.3340, 4.2723, 123.3641

Previews

White Background



This preview shows how the YUV color 33.2810, 7.2565, 5.8926 looks on a white background.

Color Contrast Check

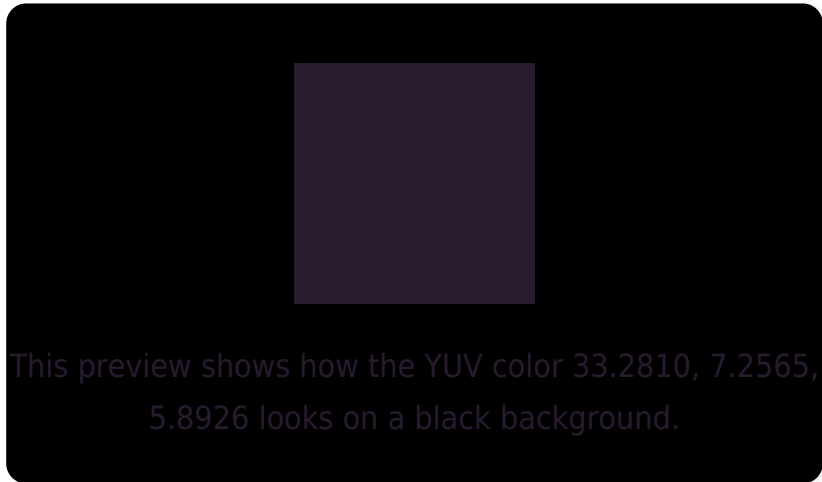
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2810, 7.2565, 5.8926

Background



This preview shows how black text looks on a background with the YUV color 33.2810, 7.2565, 5.8926.



This preview shows how white text looks on a background with the YUV color 33.2810, 7.2565,

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

33.2810, 7.2565, 5.8926

Protanopia

31.8880, 9.9152, -6.9178

Deuteranopia

31.9160, 7.4364, -5.1883



Tritanopia

32.7340, 0.1311, 4.6183

Trichromacy



Original Color

33.2810, 7.2565, 5.8926

Protanomaly

32.3940, 9.1728, -2.0995

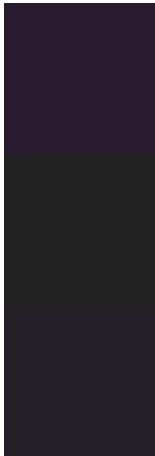
Deuteranomaly

32.2370, 7.2782, -1.0848

Tritanomaly

33.0160, 2.4571, 5.2480

Monochromacy



Original Color

33.2810, 7.2565, 5.8926

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.2930, 2.3206, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.2810, 7.2565, 5.8926 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(40, 27, 48)` looks like.

```
.text, #text, p{  
    color:rgb(40, 27, 48)  
}
```

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(40, 27, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 27, 48) }
```

Border

The CSS property to change the border of an element to YUV 33.2810, 7.2565, 5.8926 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(40, 27, 48) }
```


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

```
.border{ border-color:rgb(40, 27, 48) }
```

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

Here you see how a box with a 4 pixel rgb(40, 27, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 27, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 27, 48);  
box-shadow:4px 4px 4px 4px rgb(40, 27, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.2810, 7.2565, 5.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 27, 48) }
```

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

```
.background{ background-color: rgb(40, 27,  
48) }
```

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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