

Converting Colors

YUV(33.5810, 9.0806, 27.5545)

Have a look what the booklet for
YUV(33.5810, 9.0806, 27.5545)
contains.

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Color

**YUV(33.5810, 9.0806,
27.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	410E34
RGB	65, 14, 52
RGB Percent	25%, 5%, 20%
CMY	0.7451, 0.9451, 0.7961
CMYK	0.00, 0.78, 0.20, 0.75
HSL	315°, 65%, 15%
HSV	315°, 78%, 25%
XYZ	2.9568, 1.6858, 3.4184
YIQ	33.5810, 18.1980, 22.6300

Conversions

Conversions Part 2

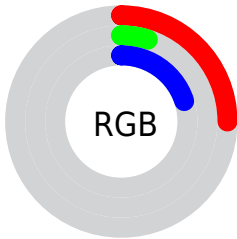
Format	Color
R_{YB}	65, 14, 52
Decimal	4263476
CIE _{Lab}	13.74, 29.05, -11.81
CIE _{LCh}	14, 31.357, 337.873
Yxy	1.6858, 0.3668, 0.2091
Android (android.graphics.Color)	4282453556 (0xFF410E34)
YUV	33.5810, 9.0806, 27.5545
Hunter-Lab	12.9839, 17.9281, -6.5209

Details

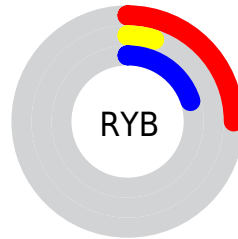
The YUV color **33.5810, 9.0806, 27.5545** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.4190, -9.0806, -27.5545**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.4780, 8.6383, 29.3988**, and **1.5380, 0.7208, 2.1592** is the 20% darker color. If you saturate the color by 10%, you get **29.2440, 10.2327, 31.3580**, and if you desaturate by 10%, it is **37.3310, 8.2178, 24.2657**.

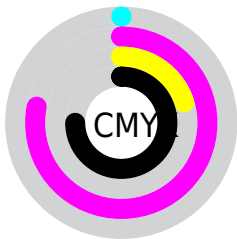
Distribution



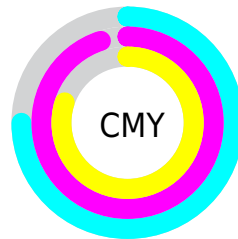
- Red (25%)
- Green (5%)
- Blue (20%)



- Red (25%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (78%)
- Yellow (20%)
- Black (75%)





- Cyan (75%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 33.5810, 9.0806, 27.5545 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 33.5810, 9.0806, 27.5545 by changing the saturation by 10% instead.


 33.5810, 9.0806,
27.5545


 33.5810, 9.0806,
27.5545

 250.3040, 2.3151,
4.1184


 16.3910, 7.2022,
23.3361

 81.4780, 8.6383,
29.3988

 1.5380, 0.7208,
2.1592

 106.1900, 8.7803,
30.5284

 0.0000, 0.0000,
0.0000


 131.7880, 8.4855,
31.7579


 158.5000, 8.6275,
32.8875


 185.9130, 8.9169,
33.4023


 213.6250, 9.0589,


34.5319


 233.2810, 10.7075,
19.0476


 33.5810, 9.0806,
27.5545


 33.5810, 9.0806,
27.5545

 29.2440, 10.2327,
31.3580

 37.3310, 8.2178,
24.2657


 25.6080, 11.5323,
34.5468

 41.5540, 6.6289,
20.5621

 24.9070, 11.3848,
35.1616

 45.3040, 5.7661,
17.2734

 49.6410, 4.6140,
13.4698

 53.2770, 3.3144,
10.2811

■ 57.6140, 2.1623,
6.4775

■ 61.3640, 1.2995,
3.1888

■ 65.5870, -0.2894,
-0.5148

■ 69.9240, -1.4415,
-4.3183

Harmonies

Analogous

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



35.8000, 16.8606, 5.4374



33.5810, 9.0806, 27.5545



29.9430, 0.0281, 37.7610

Triad

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



33.5810, 9.0806, 27.5545



33.0920, -16.3144, 6.0583



32.8960, 14.3483, -28.8498

Complementary

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



33.5810, 9.0806, 27.5545



45.4190, -9.0806, -27.5545

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.



30.9750, 4.4493, -27.1651



33.5810, 9.0806, 27.5545



29.4490, -14.5184, -10.0408

Square

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



33.5810, 9.0806, 27.5545



33.7780, -16.6526, 21.2427



27.7660, -5.3076, -24.3508



33.3180, 21.0422, -29.2199

Rectangle

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



33.5810, 9.0806, 27.5545



30.8690, -7.8234, 36.0719



27.7660, -5.3076, -24.3508



32.6850, 11.0013, -28.6647

Sweetspot

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



33.5810, 9.0806, 27.5545



71.6900, 3.6038, 10.7959



23.7010, 20.3604, 2.8932



35.6140, 2.1623, 6.4775



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



33.5810, 9.0806, 27.5545



35.3470, 14.1259, 42.6687



30.7310, -1.8394, 30.0539



31.1250, 0.4314, 1.6444



37.2110, 17.1510, 52.4350



86.0140, 39.9261, 121.0137

Inverse Universe

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



33.5810, 9.0806, 27.5545



35.3470, 14.1259, 42.6687



48.2690, 1.8394, -30.0539



31.1250, 0.4314, 1.6444



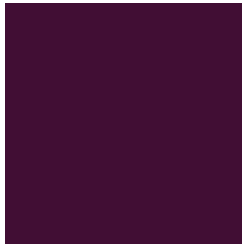
37.2110, 17.1510, 52.4350



86.0140, 39.9261, 121.0137

Previews

White Background



This preview shows how the YUV color 33.5810, 9.0806, 27.5545 looks on a white background.

Color Contrast Check

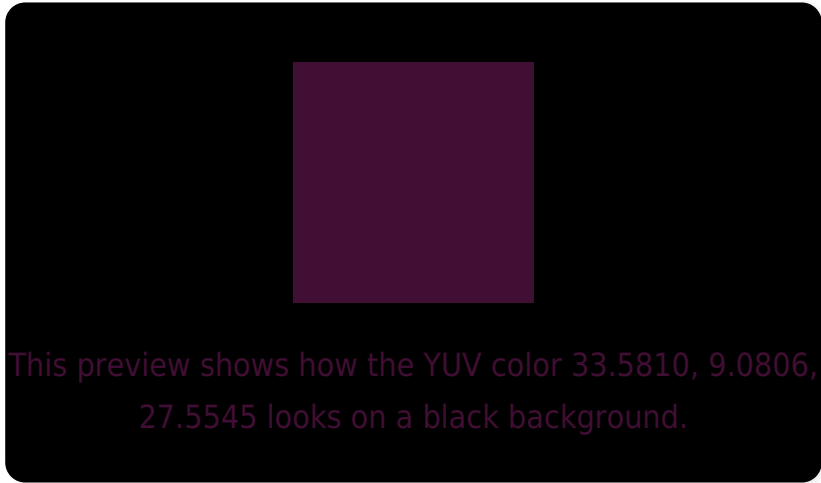
Large Text (above 18pt) WCAG AA ✓ Pass

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

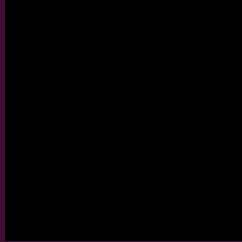
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.5810, 9.0806, 27.5545

Background



This preview shows how black text looks on a background with the YUV color 33.5810, 9.0806, 27.5545.



This preview shows how white text looks on a background with the YUV color 33.5810, 9.0806,

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

33.5810, 9.0806, 27.5545

Protanopia

34.7930, 17.3571, -13.8505

Deuteranopia

36.8840, 5.9732, -2.5293



Tritanopia

35.7750, -5.3121, 23.8763

Trichromacy



Original Color

33.5810, 9.0806, 27.5545

Protanomaly

34.3820, 14.1087, 1.4190

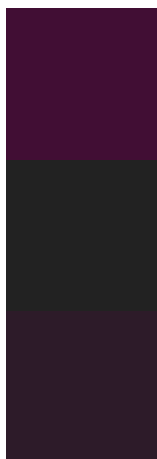
Deuteranomaly

35.5910, 7.1036, 8.2517

Tritanomaly

34.8660, 0.0661, 25.5505

Monochromacy



Original Color

33.5810, 9.0806, 27.5545

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.5810, 9.0806, 27.5545 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(65, 14, 52)` looks like.

```
.text, #text, p{  
    color:rgb(65, 14, 52)  
}
```

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(65, 14, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 14, 52) }
```

Border

The CSS property to change the border of an element to YUV 33.5810, 9.0806, 27.5545 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(65, 14, 52) }
```


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

```
.border{ border-color:rgb(65, 14, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 14, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 14, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 14, 52);  
box-shadow:4px 4px 4px 4px rgb(65, 14, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.5810, 9.0806, 27.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 14, 52) }
```

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

```
.background{ background-color: rgb(65, 14,  
52) }
```

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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