

Converting Colors

YUV(35.9330, 8.4140, 7.9518)

Have a look what the booklet for
YUV(35.9330, 8.4140, 7.9518)
contains.

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Color

**YUV(35.9330, 8.4140,
7.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1C35
RGB	45, 28, 53
RGB Percent	18%, 11%, 21%
CMY	0.8235, 0.8902, 0.7922
CMYK	0.15, 0.47, 0.00, 0.79
HSL	281°, 31%, 16%
HSV	281°, 47%, 21%
XYZ	2.1400, 1.6454, 3.5730
YIQ	35.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

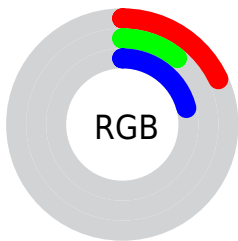
Format	Color
R_{YB}	45, 28, 53
Decimal	2956341
CIE _{Lab}	13.50, 14.01, -13.16
CIE _{LCh}	14, 19.225, 316.799
Yxy	1.6454, 0.2908, 0.2236
Android (android.graphics.Color)	4281146421 (0xFF2D1C35)
YUV	35.9330, 8.4140, 7.9518
Hunter-Lab	12.8275, 7.3317, -7.5354

Details

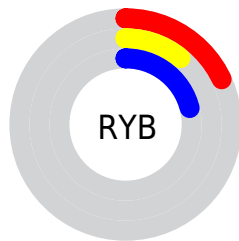
The YUV color **35.9330, 8.4140, 7.9518** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.0670, -8.4140, -7.9518**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8730, 9.4296, 8.8814**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **32.4000, 10.1558, 9.2962**, and if you desaturate by 10%, it is **39.4660, 6.6723, 6.6073**.

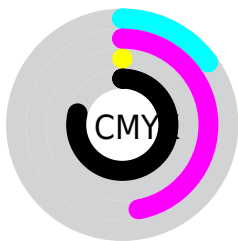
Distribution



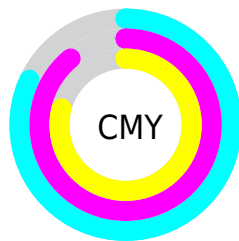
- Red (18%)
- Green (11%)
- Blue (21%)



- Red (18%)
- Yellow (11%)
- Blue (21%)



- Cyan (15%)
- Magenta (47%)
- Yellow (0%)
- Black (79%)



- Cyan (82%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.9330, 8.4140, 7.9518 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 35.9330, 8.4140, 7.9518 by changing the saturation by 10% instead.

■ 35.9330, 8.4140,
7.9518

■ 35.9330, 8.4140,
7.9518

255.0000, 0.0000,
0.0000

■ 13.1830, 9.2768,
11.2405

■ 80.8730, 9.4296,
8.8814

■ 0.5700, 2.1840,
-0.4999

■ 105.2860, 9.7190,
9.3962

■ 0.0000, 0.0000,
0.0000

■ 130.6990, 10.0084,
9.9110

■ 156.1120, 10.2978,
10.4258

■ 183.5250, 10.5872,
10.9406

■ 210.9380, 10.8766,

11.4554

■ 238.2540, 8.2558,
12.0552

■ 35.9330, 8.4140,
7.9518

■ 35.9330, 8.4140,
7.9518

■ 32.4000, 10.1558,
9.2962

■ 39.4660, 6.6723,
6.6073

■ 28.5790, 12.0396,
11.7702

■ 43.2870, 4.7885,
4.1333

■ 25.0460, 13.7813,
13.1147

■ 46.8200, 3.0467,
2.7889

■ 21.5130, 15.5231,
14.4591

■ 50.3530, 1.3050,
1.4444

■ 17.6920, 17.4068,
16.9331

■ 54.1740, -0.5788,
-1.0296

■ 16.8060, 17.8436,
16.8331

■ 57.7070, -2.3206,
-2.3740

■ 61.2400, -4.0623,
-3.7185

■ 64.7730, -5.8041,
-5.0629

■ 68.5940, -7.6878,
-7.5369

Harmonies

Analogous

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



33.6860, 12.9728, -7.6176



35.9330, 8.4140, 7.9518



35.5060, 2.7085, 17.9732

Triad

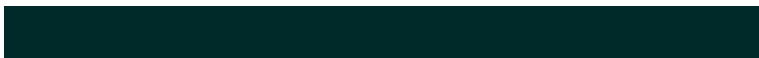
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.9330, 8.4140, 7.9518



33.4780, -15.0257, 12.7358



28.8550, 6.4805, -25.3058

Complementary

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



35.9330, 8.4140, 7.9518



45.0670, -8.4140, -7.9518

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.



27.2590, 0.3653, -23.9061



35.9330, 8.4140, 7.9518



32.2380, -14.4143, 3.2993

Square

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



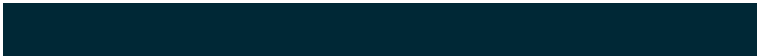
35.9330, 8.4140, 7.9518



34.3030, -9.5164, 19.0283



30.5830, -7.6824, -9.2813



29.6360, 12.0115, -25.9908

Rectangle

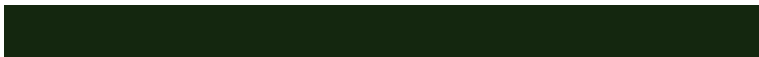
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.9330, 8.4140, 7.9518



34.7900, -1.3755, 21.2322



30.5830, -7.6824, -9.2813



28.2850, 4.2965, -24.8059

Sweetspot

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



35.9330, 8.4140, 7.9518



62.2330, 3.3361, 3.3037



35.5460, 8.6048, -6.6178



31.8800, 2.0312, 1.8592



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.



35.9330, 8.4140, 7.9518



42.2200, 13.2025, 12.0851



37.8690, 5.4876, 13.2699



23.9400, 1.0156, 0.9296



28.3850, 29.8832, 28.6034



68.6910, 73.1163, 68.6770

Inverse Universe

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



36.3870, -0.1908, 14.5696



43.0290, -0.5073, 22.7766



43.1310, -5.4876, -13.2699



24.0110, -0.0054, 1.7444



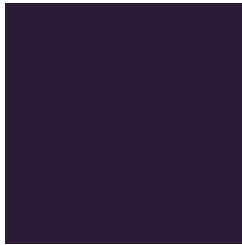
29.9170, -0.4521, 51.8158



72.7490, -1.8483, 126.5081

Previews

White Background



This preview shows how the YUV color 35.9330, 8.4140, 7.9518 looks on a white background.

Color Contrast Check

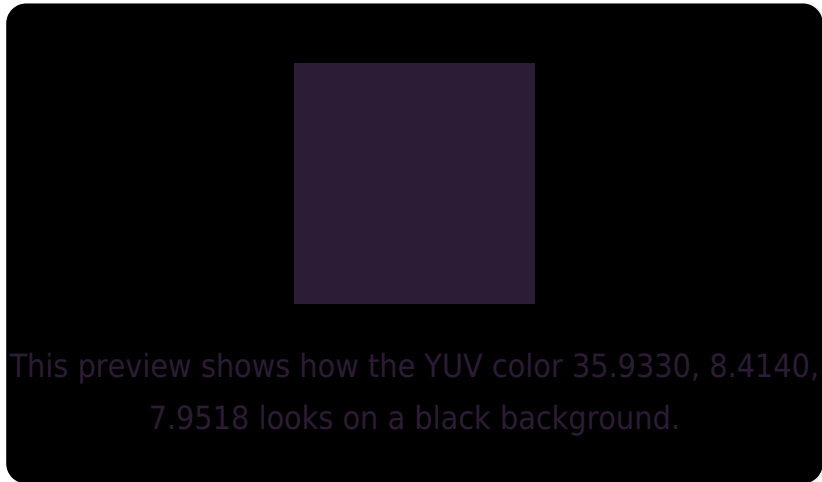
Large Text (above 18pt) WCAG AA ✓ Pass

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

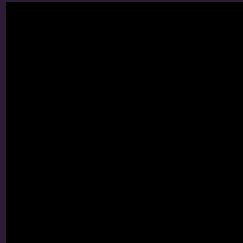
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.9330, 8.4140, 7.9518

Background



This preview shows how black text looks on a background with the YUV color 35.9330, 8.4140, 7.9518.



This preview shows how white text looks on a background with the YUV color 35.9330, 8.4140,

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

35.9330, 8.4140, 7.9518

Protanopia

34.0450, 11.8098, -7.9325

Deuteranopia

34.8450, 8.4574, -6.0031



Tritanopia

35.3320, -0.1637, 5.8478

Trichromacy



Original Color

35.9330, 8.4140, 7.9518

Protanomaly

34.7360, 10.4832, -2.3995

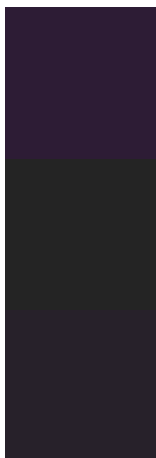
Deuteranomaly

34.8780, 8.4411, -0.7700

Tritanomaly

35.8420, 3.0359, 6.2776

Monochromacy



Original Color

35.9330, 8.4140, 7.9518

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.9330, 8.4140, 7.9518 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(45, 28, 53)` looks like.

```
.text, #text, p{  
    color:rgb(45, 28, 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(45, 28, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 28, 53) }
```

Border

The CSS property to change the border of an element to YUV 35.9330, 8.4140, 7.9518 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(45, 28, 53) }
```


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

```
.border{ border-color:rgb(45, 28, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 28, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 28, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 28, 53);  
box-shadow:4px 4px 4px 4px rgb(45, 28, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.9330, 8.4140, 7.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 28, 53) }
```

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

```
.background{ background-color: rgb(45, 28,  
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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