

Converting Colors

YUV(35.6750, -0.3328, 13.4400)

Have a look what the booklet for
YUV(35.6750, -0.3328, 13.4400)
contains.

YUV(35.6750, -0.3328, 13.4400)	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(35.6750, -0.3328,
13.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	331C23
RGB	51, 28, 35
RGB Percent	20%, 11%, 14%
CMY	0.8000, 0.8902, 0.8627
CMYK	0.00, 0.45, 0.31, 0.80
HSL	342°, 29%, 15%
HSV	342°, 45%, 20%
XYZ	2.0839, 1.6557, 1.7999
YIQ	35.6750, 11.4610, 7.0530

Conversions

Conversions Part 2

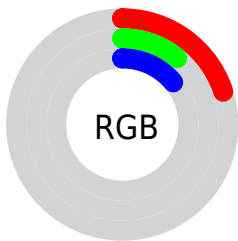
Format	Color
R_{YB}	51, 28, 35
Decimal	3349539
CIE Lab	13.57, 12.51, 0.03
CIE LCh	14, 12.505, 0.125
Yxy	1.6557, 0.3762, 0.2989
Android (android.graphics.Color)	4281539619 (0xFF331C23)
YUV	35.6750, -0.3328, 13.4400
Hunter-Lab	12.8673, 6.3906, 0.7137

Details

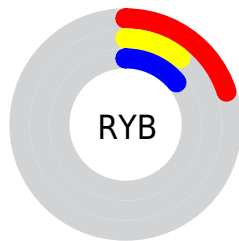
The YUV color **35.6750, -0.3328, 13.4400** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.3250, 0.3328, -13.4400**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.5720, -0.7750, 15.2844**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.2840, -0.6330, 16.4139**, and if you desaturate by 10%, it is **39.0660, -0.0325, 10.4661**.

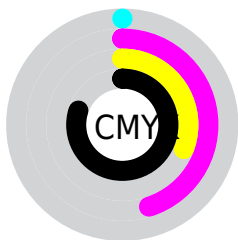
Distribution



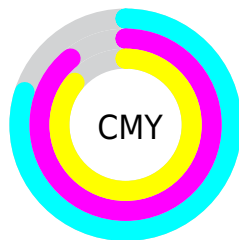
- Red (20%)
- Green (11%)
- Blue (14%)



- Red (20%)
- Yellow (11%)
- Blue (14%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (80%)



- Cyan (80%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.6750, -0.3328, 13.4400 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 35.6750, -0.3328, 13.4400 by changing the saturation by 10% instead.

■ 35.6750, -0.3328,
13.4400

■ 35.6750, -0.3328,
13.4400

■ 255.0000, 0.0000,
0.0000

■ 12.5120, 0.2406,
16.2140

■ 80.5720, -0.7750,
15.2844

■ 0.0000, 0.0000,
0.0000

■ 104.8710, -0.9224,
15.8991

■ 130.1700, -1.0698,
16.5139

■ 155.8820, -0.9278,
17.6435

■ 183.1810, -1.0752,
18.2583

■ 210.5940, -0.7858,

18.7731

237.0990, -0.0488,
15.6992

35.6750, -0.3328,
13.4400

35.6750, -0.3328,
13.4400

32.2840, -0.6330,
16.4139

39.0660, -0.0325,
10.4661

29.0070, -0.4965,
19.2879

42.3430, -0.1691,
7.5922

25.6160, -0.7967,
22.2618

45.7340, 0.1311,
4.6183

22.3390, -0.6601,
25.1357

49.0110, -0.0054,
1.7444

18.9480, -0.9604,
28.1096

52.9890, 0.0054,
-1.7444

■ 17.0730, -0.5290,
29.7540

■ 56.2660, -0.1311,
-4.6183

■ 59.6570, 0.1691,
-7.5922

■ 62.9340, 0.0325,
-10.4661

■ 66.3250, 0.3328,
-13.4400

Harmonies

Analogous

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



36.3800, 3.7567, 8.4367



35.6750, -0.3328, 13.4400



35.2360, -4.5533, 13.8250

Triad

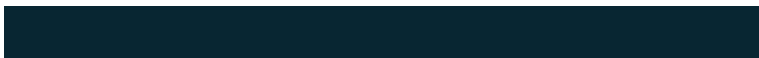
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.6750, -0.3328, 13.4400



33.1540, -6.9779, -1.8891



30.3980, 9.6638, -19.6430

Complementary

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



35.6750, -0.3328, 13.4400



43.3250, 0.3328, -13.4400

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.



28.6920, 7.0538, -22.5319



35.6750, -0.3328, 13.4400



32.1360, -3.0250, -9.7663

Square

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



35.6750, -0.3328, 13.4400



34.1550, -8.4574, 6.0031



29.7590, 2.0908, -17.3286



33.6380, 9.0525, -10.2065

Rectangle

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



35.6750, -0.3328, 13.4400



34.7690, -6.2951, 12.4806



29.7590, 2.0908, -17.3286



29.2730, 9.2324, -21.2874

Sweetspot

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



35.6750, -0.3328, 13.4400



60.0330, -0.0163, 5.2331



35.4060, 7.6878, 7.5369



29.6090, -0.3002, 2.9739



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



35.6750, -0.3328, 13.4400



42.0180, -0.5019, 21.0322



37.2250, -4.5479, 12.0807



24.0110, -0.0054, 1.7444



29.6890, -1.3257, 52.0157



72.4070, -3.1587, 126.8081

Inverse Universe

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



35.6750, -0.3328, 13.4400



42.0180, -0.5019, 21.0322



41.7750, 4.5479, -12.0807



24.0110, -0.0054, 1.7444



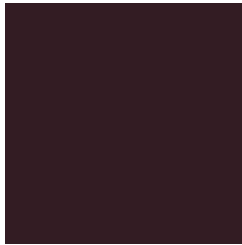
29.6890, -1.3257, 52.0157



72.4070, -3.1587, 126.8081

Previews

White Background



This preview shows how the YUV color 35.6750, -0.3328, 13.4400 looks on a white background.

Color Contrast Check

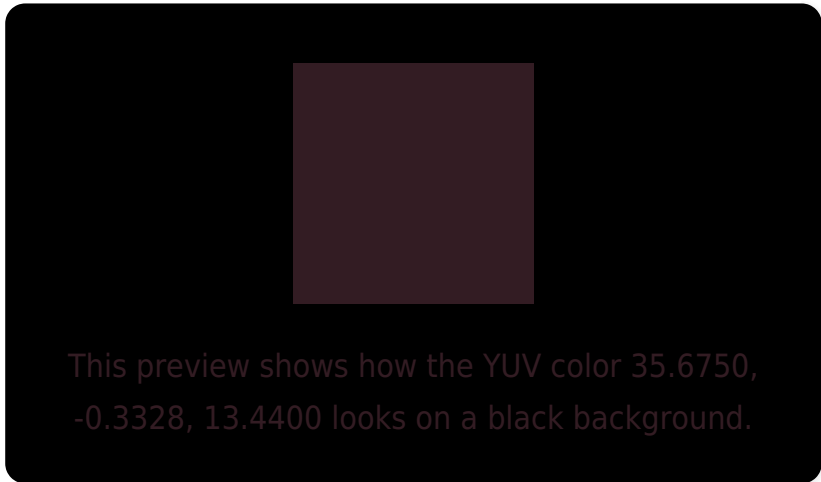
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6750, -0.3328, 13.4400

Background



This preview shows how black text looks on a background with the YUV color 35.6750, -0.3328, 13.4400.



This preview shows how white text looks on a background with the YUV color 35.6750, -0.3328,

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

35.6750, -0.3328, 13.4400

Protanopia

35.4560, 1.7472, -0.3999

Deuteranopia

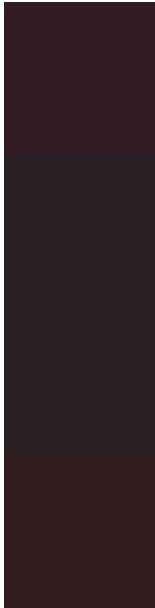
35.4950, -0.7370, 3.0739



Tritanopia

35.8060, -2.3694, 13.3251

Trichromacy



Original Color

35.6750, -0.3328, 13.4400

Protanomaly

35.3750, 1.2941, 4.9331

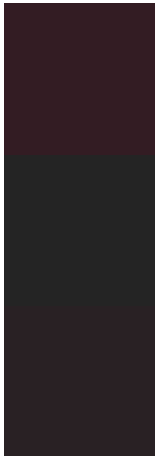
Deuteranomaly

35.5170, -0.7479, 6.5626

Tritanomaly

35.9200, -1.9326, 13.2252

Monochromacy



Original Color

35.6750, -0.3328, 13.4400

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.6750, -0.3328, 13.4400 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(51, 28, 35)` looks like.

```
.text, #text, p{  
    color:rgb(51, 28, 35)  
}
```

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(51, 28, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 28, 35) }
```

Border

The CSS property to change the border of an element to YUV 35.6750, -0.3328, 13.4400 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(51, 28, 35) }
```


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

```
.border{ border-color:rgb(51, 28, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 28, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 28, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 28, 35);  
box-shadow:4px 4px 4px 4px rgb(51, 28, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.6750, -0.3328, 13.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 28, 35) }
```

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

```
.background{ background-color: rgb(51, 28,  
35) }
```

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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