

Converting Colors

YUV(33.0760, 1.4415, 4.3183)

Have a look what the booklet for
YUV(33.0760, 1.4415, 4.3183)
contains.

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Color

**YUV(33.0760, 1.4415,
4.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	261E24
RGB	38, 30, 36
RGB Percent	15%, 12%, 14%
CMY	0.8510, 0.8824, 0.8588
CMYK	0.00, 0.21, 0.05, 0.85
HSL	315°, 12%, 13%
HSV	315°, 21%, 15%
XYZ	1.5820, 1.4680, 1.8690
YIQ	33.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

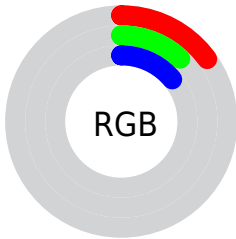
Format	Color
RYB	38, 30, 36
Decimal	2498084
CIELab	12.40, 5.24, -2.62
CIELCh	12, 5.855, 333.404
Yxy	1.4680, 0.3216, 0.2984
Android (android.graphics.Color)	4280688164 (0xFF261E24)
YUV	33.0760, 1.4415, 4.3183
Hunter-Lab	12.1161, 2.1043, -0.6649

Details

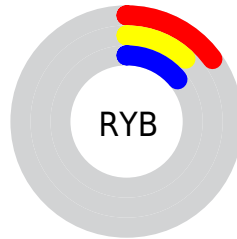
The YUV color **33.0760, 1.4415, 4.3183** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.9240, -1.4415, -4.3183**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.3750, 1.2941, 4.9331**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.6140, 2.1623, 6.4775**, and if you desaturate by 10%, it is **35.5380, 0.7208, 2.1592**.

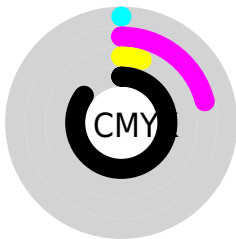
Distribution



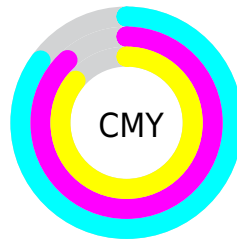
- Red (15%)
- Green (12%)
- Blue (14%)



- Red (15%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (85%)



- Cyan (85%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.0760, 1.4415, 4.3183 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 33.0760, 1.4415, 4.3183 by changing the saturation by 10% instead.

■ 33.0760, 1.4415,
4.3183

■ 33.0760, 1.4415,
4.3183

■ 255.0000, 0.0000,
0.0000

■ 10.0270, 2.4517,
6.9923

■ 77.3750, 1.2941,
4.9331

■ 0.0000, 0.0000,
0.0000

■ 100.7880, 1.5835,
5.4479

■ 125.9020, 2.0203,
5.3479

■ 151.9020, 2.0203,
5.3479

■ 178.7880, 1.5835,
5.4479

■ 206.2010, 1.8729,

5.9627

■ 234.2010, 1.8729,
5.9627

■ 33.0760, 1.4415,
4.3183

■ 33.0760, 1.4415,
4.3183

■ 30.6140, 2.1623,
6.4775

■ 35.5380, 0.7208,
2.1592

■ 28.1520, 2.8831,
8.6367

■ 38.0000, 0.0000,
0.0000

■ 26.2770, 3.3144,
10.2811

■ 39.8750, -0.4314,
-1.6444

■ 23.8150, 4.0352,
12.4402

■ 42.3370, -1.1521,
-3.8035

■ 21.3530, 4.7560,
14.5994

■ 44.7990, -1.8729,
-5.9627

■ 18.8910, 5.4767,
16.7586

■ 47.2610, -2.5937,
-8.1219

■ 16.4290, 6.1975,
18.9178

■ 49.7230, -3.3144,
-10.2811

■ 14.5540, 6.6289,
20.5621

■ 51.5980, -3.7458,
-11.9254

■ 54.0600, -4.4666,
-14.0846

Harmonies

Analogous

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



32.8090, 3.0522, 1.0445



33.0760, 1.4415, 4.3183



33.2180, -0.6005, 5.9478

Triad

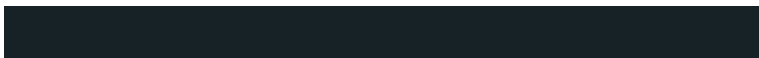
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.0760, 1.4415, 4.3183



31.9850, -3.9366, 2.6442



30.7540, 3.0793, -7.6773

Complementary

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



33.0760, 1.4415, 4.3183



34.9240, -1.4415, -4.3183

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.



31.1840, 0.8953, -7.1774



33.0760, 1.4415, 4.3183



31.6040, -2.7628, -0.5297

Square

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



33.0760, 1.4415, 4.3183



32.7080, -3.8000, 5.5181



31.0380, -1.0047, -4.4183



31.5800, 3.6581, -6.6477

Rectangle

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



33.0760, 1.4415, 4.3183



33.1750, -2.0583, 6.8625



31.0380, -1.0047, -4.4183



31.1130, 1.9163, -7.9921

Sweetspot

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



33.0760, 1.4415, 4.3183



46.8260, 0.5788, 1.0296



31.5100, 3.1996, 0.4297



24.7120, 0.1420, 1.1296



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



33.0760, 1.4415, 4.3183



40.6140, 2.1623, 6.4775



32.6200, -0.3057, 4.7183



16.7120, 0.1420, 1.1296



31.4720, 14.5573, 44.3131



80.3890, 37.7692, 112.7918

Inverse Universe

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



33.0760, 1.4415, 4.3183



40.6140, 2.1623, 6.4775



35.3800, 0.3057, -4.7183



16.7120, 0.1420, 1.1296



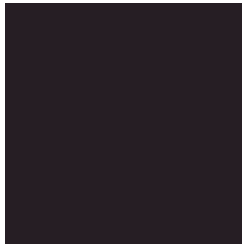
31.4720, 14.5573, 44.3131



80.3890, 37.7692, 112.7918

Previews

White Background



This preview shows how the YUV color 33.0760, 1.4415, 4.3183 looks on a white background.

Color Contrast Check

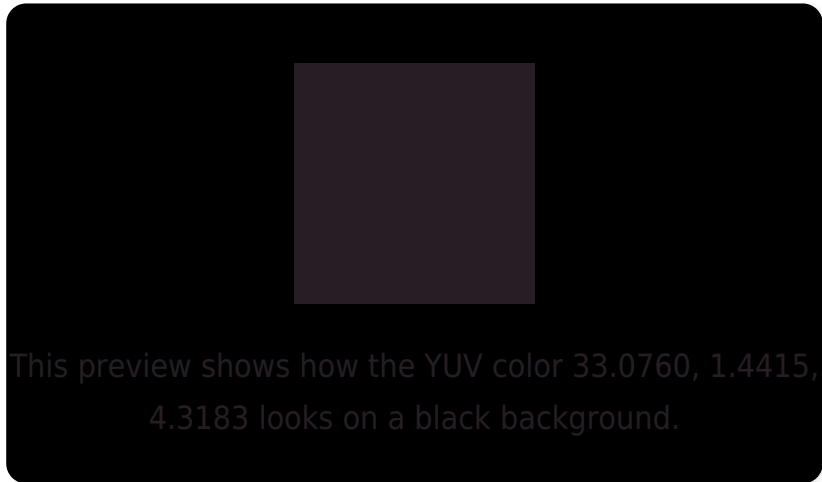
Large Text (above 18pt) WCAG AA ✓ Pass

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

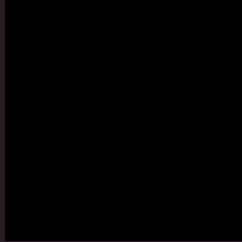
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.0760, 1.4415, 4.3183

Background



This preview shows how black text looks on a background with the YUV color 33.0760, 1.4415, 4.3183.

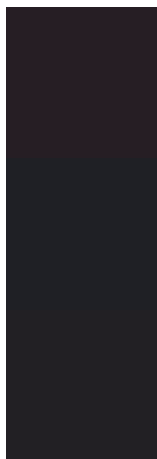


This preview shows how white text looks on a background with the YUV color 33.0760, 1.4415,

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

33.0760, 1.4415, 4.3183

Protanopia

32.2710, 2.3314, -1.1147

Deuteranopia

33.0540, 1.4524, 0.8296



Tritanopia

33.3210, -0.1583, 4.1035

Trichromacy



Original Color

33.0760, 1.4415, 4.3183

Protanomaly

32.5810, 2.1786, 1.2445

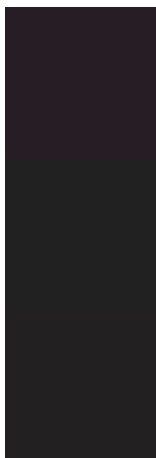
Deuteranomaly

32.7660, 1.5944, 1.9592

Tritanomaly

33.4350, 0.2785, 4.0035

Monochromacy



Original Color

33.0760, 1.4415, 4.3183

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1250, 0.4314, 1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.0760, 1.4415, 4.3183 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(38, 30, 36)` looks like.

```
.text, #text, p{  
    color:rgb(38, 30, 36)  
}
```

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(38, 30, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 30, 36) }
```

Border

The CSS property to change the border of an element to YUV 33.0760, 1.4415, 4.3183 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(38, 30, 36) }
```


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

```
.border{ border-color:rgb(38, 30, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 30, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 30, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 30, 36);  
box-shadow:4px 4px 4px 4px rgb(38, 30, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.0760, 1.4415, 4.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 30, 36) }
```

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

```
.background{ background-color: rgb(38, 30,  
36) }
```

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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