

Converting Colors

YUV(36.8080, 7.9827, 6.3074)

Have a look what the booklet for
YUV(36.8080, 7.9827, 6.3074)
contains.

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Color

**YUV(36.8080, 7.9827,
6.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	2C1E35
RGB	44, 30, 53
RGB Percent	17%, 12%, 21%
CMY	0.8275, 0.8824, 0.7922
CMYK	0.17, 0.43, 0.00, 0.79
HSL	277°, 28%, 16%
HSV	277°, 43%, 21%
XYZ	2.1456, 1.7211, 3.5873
YIQ	36.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

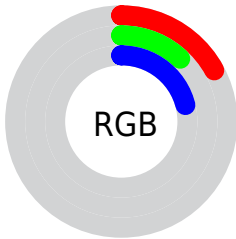
Format	Color
RYB	44, 30, 53
Decimal	2891317
CIELab	13.95, 12.22, -12.48
CIElCh	14, 17.463, 314.393
Yxy	1.7211, 0.2878, 0.2309
Android (android.graphics.Color)	4281081397 (0xFF2C1E35)
YUV	36.8080, 7.9827, 6.3074
Hunter-Lab	13.1189, 6.2353, -7.0292

Details

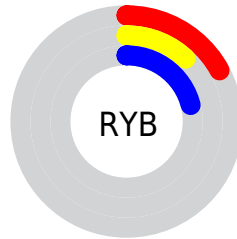
The YUV color **36.8080, 7.9827, 6.3074** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.1920, -7.9827, -6.3074**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7480, 8.9982, 7.2370**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **33.2750, 9.7244, 7.6518**, and if you desaturate by 10%, it is **40.3410, 6.2409, 4.9629**.

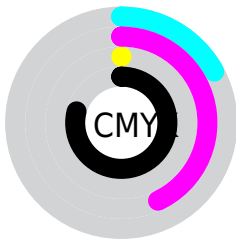
Distribution



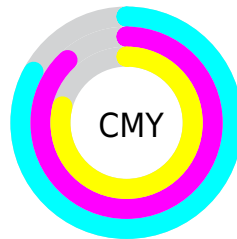
- Red (17%)
- Green (12%)
- Blue (21%)



- Red (17%)
- Yellow (12%)
- Blue (21%)



- Cyan (17%)
- Magenta (43%)
- Yellow (0%)
- Black (79%)



- Cyan (83%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8080, 7.9827, 6.3074 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 36.8080, 7.9827, 6.3074 by changing the saturation by 10% instead.

■ 36.8080, 7.9827,
6.3074

■ 36.8080, 7.9827,
6.3074

■ 255.0000, 0.0000,
0.0000

■ 14.3460, 8.7034,
8.4666

■ 81.7480, 8.9982,
7.2370

■ 0.5700, 2.1840,
-0.4999

■ 106.1610, 9.2876,
7.7518

■ 0.0000, 0.0000,
0.0000

■ 131.2750, 9.7244,
7.6518

■ 157.5740, 9.5770,
8.2666

■ 184.1010, 10.3032,
8.6814

■ 212.1010, 10.3032,

8.6814

239.7160, 7.5350,
9.8961

36.8080, 7.9827,
6.3074

36.8080, 7.9827,
6.3074

33.2750, 9.7244,
7.6518

40.3410, 6.2409,
4.9629

29.1550, 11.7556,
9.5111

44.4610, 4.2097,
3.1037

25.6220, 13.4974,
10.8555

47.9940, 2.4680,
1.7593

22.0890, 15.2391,
12.1999

51.5270, 0.7262,
0.4148

18.5560, 16.9809,
13.5444

55.6470, -1.3050,
-1.4444

■ 15.6100, 18.4333,
14.3740

■ 59.1800, -3.0467,
-2.7889

■ 63.0120, -4.9359,
-3.5185

■ 66.5450, -6.6777,
-4.8630

■ 70.6650, -8.7088,
-6.7222

Harmonies

Analogous

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



35.0450, 11.8098, -7.9325



36.8080, 7.9827, 6.3074



36.4950, 2.7140, 16.2289

Triad

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



36.8080, 7.9827, 6.3074



34.7490, -12.6943, 11.6211



29.3280, 5.7543, -25.7207

Complementary

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



36.8080, 7.9827, 6.3074



46.1920, -7.9827, -6.3074

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.



28.8680, 0.0651, -20.9322



36.8080, 7.9827, 6.3074



33.8080, -12.2303, 2.7994

Square

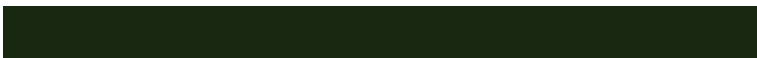
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



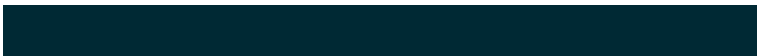
36.8080, 7.9827, 6.3074



35.3460, -8.0586, 18.1136



32.5940, -7.6878, -7.5369



29.9950, 10.8485, -26.3056

Rectangle

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



36.8080, 7.9827, 6.3074



35.8930, -0.9332, 19.3878



32.5940, -7.6878, -7.5369



28.8720, 4.0071, -25.3207

Sweetspot

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



36.8080, 7.9827, 6.3074



62.5210, 3.1941, 2.1741



37.9050, 7.4418, -6.9327



31.5810, 2.1786, 1.2445



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.



36.8080, 7.9827, 6.3074



43.6820, 12.4818, 9.9259



39.2710, 5.7824, 12.0403



23.9400, 1.0156, 0.9296



26.2920, 30.9150, 24.2999



64.2060, 75.3274, 59.4553

Inverse Universe

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



37.9030, 0.5408, 13.2401



45.3600, 0.8085, 20.7323



43.7290, -5.7824, -12.0403



24.0110, -0.0054, 1.7444



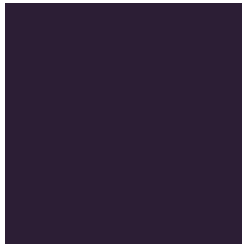
30.6010, 2.1687, 51.2159



74.5730, 5.1405, 124.9085

Previews

White Background



This preview shows how the YUV color 36.8080, 7.9827, 6.3074 looks on a white background.

Color Contrast Check

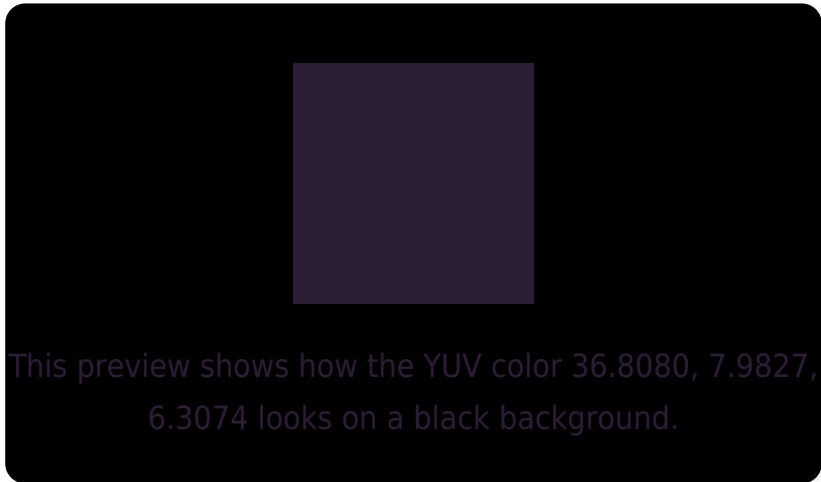
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8080, 7.9827, 6.3074

Background



This preview shows how black text looks on a background with the YUV color 36.8080, 7.9827, 6.3074.



This preview shows how white text looks on a background with the YUV color 36.8080, 7.9827,

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

36.8080, 7.9827, 6.3074

Protanopia

35.1160, 10.7888, -7.1177

Deuteranopia

35.1440, 8.3100, -5.3883



Tritanopia

36.3210, -0.1583, 4.1035

Trichromacy



Original Color

36.8080, 7.9827, 6.3074

Protanomaly

35.6220, 10.0464, -2.2995

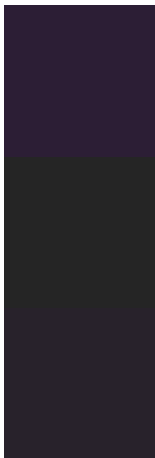
Deuteranomaly

35.4650, 8.1518, -1.2848

Tritanomaly

36.7170, 2.6045, 4.6332

Monochromacy



Original Color

36.8080, 7.9827, 6.3074

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8080, 7.9827, 6.3074 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(44, 30, 53)` looks like.

```
.text, #text, p{  
    color:rgb(44, 30, 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(44, 30, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 30, 53) }
```

Border

The CSS property to change the border of an element to YUV 36.8080, 7.9827, 6.3074 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(44, 30, 53) }
```


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

```
.border{ border-color:rgb(44, 30, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 30, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 30, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 30, 53);  
box-shadow:4px 4px 4px 4px rgb(44, 30, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8080, 7.9827, 6.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 30, 53) }
```

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

```
.background{ background-color: rgb(44, 30,  
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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