

Converting Colors

YUV(37.9800, 13.8139, 2.6485)

Have a look what the booklet for
YUV(37.9800, 13.8139, 2.6485)
contains.

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Color

**YUV(37.9800, 13.8139,
2.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	291F42
RGB	41, 31, 66
RGB Percent	16%, 12%, 26%
CMY	0.8392, 0.8784, 0.7412
CMYK	0.38, 0.53, 0.00, 0.74
HSL	257°, 36%, 19%
HSV	257°, 53%, 26%
XYZ	2.3878, 1.8447, 5.3845
YIQ	37.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

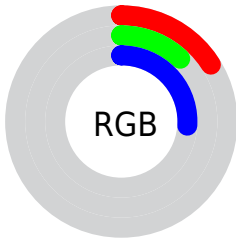
Format	Color
R_{YB}	41, 31, 66
Decimal	2694978
CIE Lab	14.65, 14.33, -20.56
CIE LCh	15, 25.062, 304.861
Yxy	1.8447, 0.2483, 0.1918
Android (android.graphics.Color)	4280885058 (0xFF291F42)
YUV	37.9800, 13.8139, 2.6485
Hunter-Lab	13.5821, 7.6125, -13.9974

Details

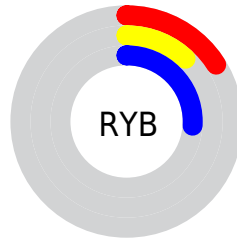
The YUV color **37.9800, 13.8139, 2.6485** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.0200, -13.8139, -2.6485**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3330, 15.1188, 4.0930**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **32.3760, 16.5766, 3.1782**, and if you desaturate by 10%, it is **43.5840, 11.0511, 2.1188**.

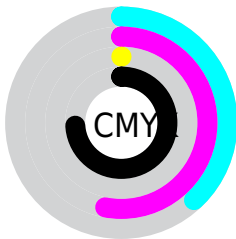
Distribution



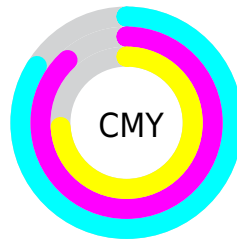
- Red (16%)
- Green (12%)
- Blue (26%)



- Red (16%)
- Yellow (12%)
- Blue (26%)



- Cyan (38%)
- Magenta (53%)
- Yellow (0%)
- Black (74%)



- Cyan (84%)
- Magenta (88%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.9800, 13.8139, 2.6485 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 37.9800, 13.8139, 2.6485 by changing the saturation by 10% instead.

■ 37.9800, 13.8139,
2.6485

■ 37.9800, 13.8139,
2.6485

■ 255.0000, 0.0000,
0.0000

■ 15.9910, 13.8084,
4.3929

■ 83.3330, 15.1188,
4.0930

■ 3.2090, 9.7570,
-2.8143

■ 107.8600, 15.8450,
4.5078

■ 0.0000, 0.0000,
0.0000

■ 132.9740, 16.2818,
4.4078

■ 159.5010, 17.0080,
4.8226

■ 185.9140, 17.2974,
5.3374

■ 214.0280, 17.7342,

5.2374

239.7050, 7.5404,
8.1517

37.9800, 13.8139,
2.6485

37.9800, 13.8139,
2.6485

32.3760, 16.5766,
3.1782

43.5840, 11.0511,
2.1188

27.6580, 18.9026,
3.8079

48.3020, 8.7251,
1.4891

22.0540, 21.6654,
4.3376

53.9060, 5.9623,
0.9594

17.0370, 24.1388,
4.3526

58.9230, 3.4890,
0.9445

13.2050, 26.0279,
5.0822

64.5270, 0.7262,
0.4148

■ 69.8320, -1.8892,
-0.7297

■ 74.8490, -4.3626,
-0.7446

■ 80.4530, -7.1253,
-1.2743

■ 85.1710, -9.4513,
-1.9040

Harmonies

Analogous

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



30.5140, 20.4526, -26.7608



37.9800, 13.8139, 2.6485



37.3690, 7.2131, 19.8474

Triad

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



37.9800, 13.8139, 2.6485



34.9520, -17.2313, 20.2131



30.8610, 4.0125, -27.0651

Complementary

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



37.9800, 13.8139, 2.6485



59.0200, -13.8139, -2.6485

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.



28.2220, -3.5604, -24.7507



37.9800, 13.8139, 2.6485



34.8750, -17.1934, 8.0026

Square

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



37.9800, 13.8139, 2.6485



35.4720, -9.1067, 27.6501



32.5420, -15.5502, -5.7373



32.9130, 11.8749, -28.8647

Rectangle

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



37.9800, 13.8139, 2.6485



36.4470, 2.2446, 26.7950



32.5420, -15.5502, -5.7373



30.1770, 1.3917, -26.4652

Sweetspot

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



37.9800, 13.8139, 2.6485



75.7920, 5.5255, 1.0594



49.6650, 8.0532, -16.3692



36.5100, 3.1996, 0.4297



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.



37.9800, 13.8139, 2.6485



42.1680, 22.1022, 4.2377



43.0630, 11.3079, 13.0997



30.6410, 1.1630, 0.3148



19.4300, 38.2420, 7.5159



44.6720, 88.4087, 16.9507

Inverse Universe

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



44.3150, 5.7607, 19.0177



52.3040, 9.2171, 30.4284



53.9370, -11.3079, -13.0997



31.1250, 0.4314, 1.6444



36.8690, 15.8406, 52.7349



85.2160, 36.8685, 121.7136

Previews

White Background



This preview shows how the YUV color 37.9800, 13.8139, 2.6485 looks on a white background.

Color Contrast Check

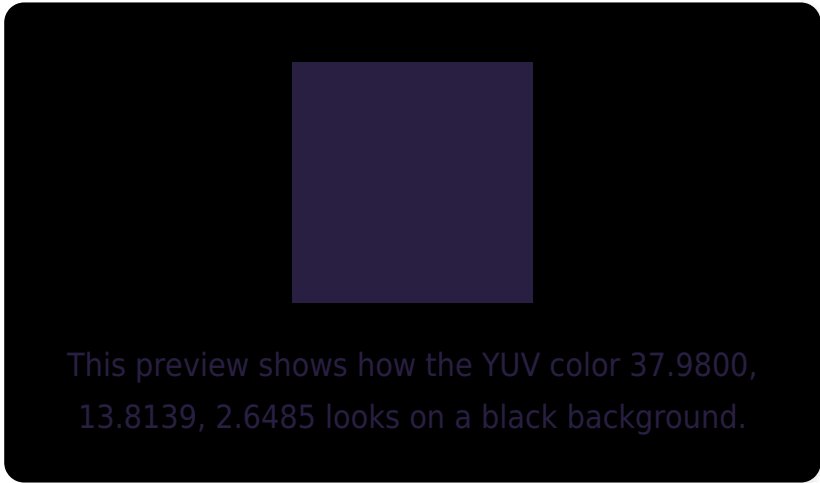
Large Text (above 18pt) WCAG AA ✓ Pass

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

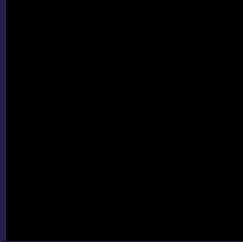
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9800, 13.8139, 2.6485

Background



This preview shows how black text looks on a background with the YUV color 37.9800, 13.8139, 2.6485.



This preview shows how white text looks on a background with the YUV color 37.9800, 13.8139,

2.6485.

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

37.9800, 13.8139, 2.6485

Protanopia

34.3090, 18.0887, -15.1800

Deuteranopia

34.5000, 15.0365, -16.2245



Tritanopia

36.7440, 1.6052, -1.5295

Trichromacy



Original Color

37.9800, 13.8139, 2.6485

Protanomaly

35.5980, 16.4672, -8.4174

Deuteranomaly

35.4300, 14.5780, -9.1471

Tritanomaly

37.1940, 5.8204, -0.1701

Monochromacy



Original Color

37.9800, 13.8139, 2.6485

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9800, 13.8139, 2.6485 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(41, 31, 66)` looks like.

```
.text, #text, p{  
    color:rgb(41, 31, 66)  
}
```

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(41, 31, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 31, 66) }
```

Border

The CSS property to change the border of an element to YUV 37.9800, 13.8139, 2.6485 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(41, 31, 66) }
```


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

```
.border{ border-color:rgb(41, 31, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 31, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 31, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 31, 66);  
box-shadow:4px 4px 4px 4px rgb(41, 31, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.9800, 13.8139, 2.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 31, 66) }
```

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

```
.background{ background-color: rgb(41, 31,  
66) }
```

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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