

Converting Colors

YUV(37.0980, 18.1927, -1.8399)

Have a look what the booklet for
YUV(37.0980, 18.1927, -1.8399)
contains.

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Color

**YUV(37.0980, 18.1927,
-1.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	231F4A
RGB	35, 31, 74
RGB Percent	14%, 12%, 29%
CMY	0.8627, 0.8784, 0.7098
CMYK	0.53, 0.58, 0.00, 0.71
HSL	246°, 41%, 21%
HSV	246°, 58%, 29%
XYZ	2.4192, 1.8317, 6.7046
YIQ	37.0980, -11.4190, 14.2210

Conversions

Conversions Part 2

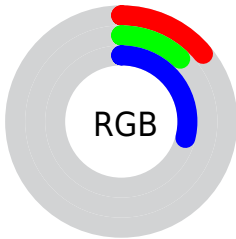
Format	Color
R_{YB}	35, 31, 74
Decimal	2301770
CIE Lab	14.58, 15.28, -26.26
CIE LCh	15, 30.376, 300.189
Yxy	1.8317, 0.2208, 0.1672
Android (android.graphics.Color)	4280491850 (0xFF231F4A)
YUV	37.0980, 18.1927, -1.8399
Hunter-Lab	13.5341, 8.2214, -19.8977

Details

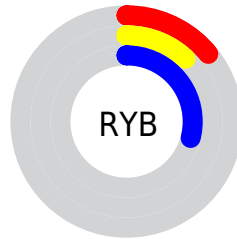
The YUV color **37.0980, 18.1927, -1.8399** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67.9020, -18.1927, 1.8399**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.8640, 19.7870, 0.1193**, and **4.5940, 12.5252, -4.0289** is the 20% darker color. If you saturate the color by 10%, you get **30.8960, 21.2503, -2.5398**, and if you desaturate by 10%, it is **43.3000, 15.1351, -1.1401**.

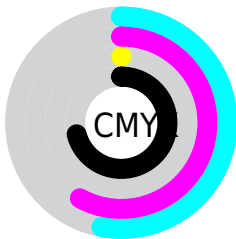
Distribution



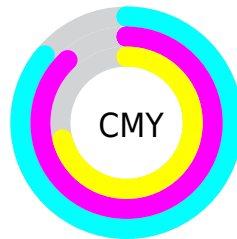
- Red (14%)
- Green (12%)
- Blue (29%)



- Red (14%)
- Yellow (12%)
- Blue (29%)



- Cyan (53%)
- Magenta (58%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.0980, 18.1927, -1.8399 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 37.0980, 18.1927, -1.8399 by changing the saturation by 10% instead.

■ 37.0980, 18.1927,
-1.8399

■ 37.0980, 18.1927,
-1.8399

■ 255.0000, 0.0000,
0.0000

■ 14.3970, 18.0453,
-1.2252

■ 82.8640, 19.7870,
0.1193

■ 4.5940, 12.5252,
-4.0289

■ 107.3910, 20.5132,
0.5341

■ 0.0000, 0.0000,
0.0000

■ 132.9180, 21.2394,
0.9489

■ 159.0320, 21.6762,
0.8489

■ 185.9720, 22.6918,
1.7786

■ 213.4020, 20.5078,

2.2784

■ 238.2100, 8.2775,
5.0778

■ 37.0980, 18.1927,
-1.8399

■ 37.0980, 18.1927,
-1.8399

■ 30.8960, 21.2503,
-2.5398

■ 43.3000, 15.1351,
-1.1401

■ 24.4060, 24.4498,
-2.1101

■ 49.7900, 11.9355,
-1.5698

■ 18.2040, 27.5074,
-2.8099

■ 55.9920, 8.8779,
-0.8700

■ 11.4150, 30.8544,
-2.9950

■ 62.7810, 5.5310,
-0.6849

■ 10.5290, 31.2912,
-3.0949

■ 68.9830, 2.4734,
0.0149

■ 74.8860, -0.4368,
0.1000

■ 81.6750, -3.7838,
0.2850

■ 87.8770, -6.8414,
0.9849

■ 94.3670, -10.0409,
0.5551

Harmonies

Analogous

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



32.0130, 23.6576, -28.0754



37.0980, 18.1927, -1.8399



36.8900, 10.4072, 22.0215

Triad

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



37.0980, 18.1927, -1.8399



34.6860, -17.1002, 24.8314



31.1060, 2.4127, -27.2800

Complementary

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



37.0980, 18.1927, -1.8399



67.9020, -18.1927, 1.8399

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.



27.8970, -7.3442, -24.4657



37.0980, 18.1927, -1.8399



35.1850, -17.3462, 10.3618

Square

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



37.0980, 18.1927, -1.8399



33.3310, -8.5442, 33.9127



32.7270, -16.1344, -5.0226



33.6140, 12.0223, -29.4795

Rectangle

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



37.0980, 18.1927, -1.8399



34.5770, 5.1385, 31.9430



32.7270, -16.1344, -5.0226



30.3080, -0.6448, -26.5801

Sweetspot

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



37.0980, 18.1927, -1.8399



82.5360, 7.1308, -0.4701



58.7950, 7.4961, -24.3762



40.3250, 3.7838, -0.2850



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



37.0980, 18.1927, -1.8399



38.5460, 28.8178, -3.1098



43.3770, 15.0971, 11.0704



34.7550, 1.5998, 0.2149



14.3190, 43.2267, -4.6648



32.4990, 97.3680, -10.0846

Inverse Universe

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



48.3030, 10.6966, 22.5363



56.4000, 17.0578, 35.6062



61.6230, -15.0971, -11.0704



35.6520, 1.1576, 2.0592



41.1000, 25.5867, 53.4093



92.4820, 56.9504, 120.6033

Previews

White Background



This preview shows how the YUV color 37.0980, 18.1927, -1.8399 looks on a white background.

Color Contrast Check

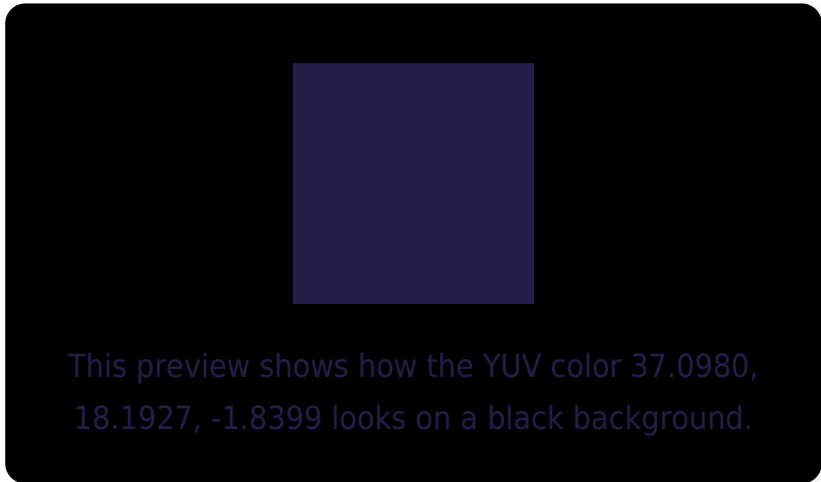
Large Text (above 18pt) WCAG AA ✓ Pass

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

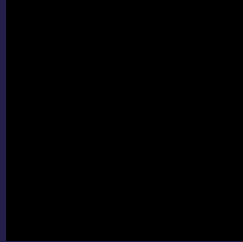
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.0980, 18.1927, -1.8399

Background



This preview shows how black text looks on a background with the YUV color 37.0980, 18.1927, -1.8399.



This preview shows how white text looks on a background with the YUV color 37.0980, 18.1927,

-1.8399.

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

37.0980, 18.1927, -1.8399

Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

29.8300, 17.8318, -26.1609



Tritanopia

35.2700, 3.8109, -9.0068

Trichromacy



Original Color

37.0980, 18.1927, -1.8399

Protanomaly

32.3950, 21.0043, -17.0094

Deuteranomaly

32.2980, 18.0941, -16.9243

Tritanomaly

35.9590, 8.8942, -6.1030

Monochromacy



Original Color

37.0980, 18.1927, -1.8399

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.0980, 18.1927, -1.8399 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(35, 31, 74)` looks like.

```
.text, #text, p{  
    color:rgb(35, 31, 74)  
}
```

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(35, 31, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 31, 74) }
```

Border

The CSS property to change the border of an element to YUV 37.0980, 18.1927, -1.8399 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(35, 31, 74) }
```


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

```
.border{ border-color:rgb(35, 31, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 31, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 31, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 31, 74);  
box-shadow:4px 4px 4px 4px rgb(35, 31, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.0980, 18.1927, -1.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 31, 74) }
```

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

```
.background{ background-color: rgb(35, 31,  
74) }
```

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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