

Converting Colors

YUV(13.7010, 37.1224, -6.7538)

Have a look what the booklet for
YUV(13.7010, 37.1224, -6.7538)
contains.

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Color

**YUV(13.7010, 37.1224,
-6.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	060359
RGB	6, 3, 89
RGB Percent	2%, 1%, 35%
CMY	0.9765, 0.9882, 0.6510
CMYK	0.93, 0.97, 0.00, 0.65
HSL	242°, 93%, 18%
HSV	242°, 97%, 35%
XYZ	1.9108, 0.8251, 9.5097
YIQ	13.7010, -25.8180, 27.3820

Conversions

Conversions Part 2

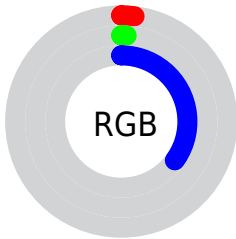
Format	Color
R_{YB}	6, 3, 89
Decimal	394073
CIE _{Lab}	7.45, 34.86, -48.30
CIE _{LCh}	7, 59.568, 305.824
Yxy	0.8251, 0.1560, 0.0674
Android (android.graphics.Color)	4278584153 (0xFF060359)
YUV	13.7010, 37.1224, -6.7538
Hunter-Lab	9.0836, 21.6534, -55.7132

Details

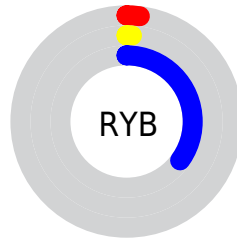
The YUV color **13.7010, 37.1224, -6.7538** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **78.2990, -37.1224, 6.7538**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.7780, 37.0844, 5.4567**, and **6.5490, 17.4773, -5.7435** is the 20% darker color. If you saturate the color by 10%, you get **11.0430, 38.4328, -7.0537**, and if you desaturate by 10%, it is **21.6750, 33.1912, -5.8540**.

Distribution



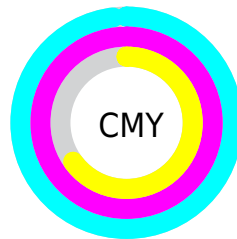
- Red (2%)
- Green (1%)
- Blue (35%)



- Red (2%)
- Yellow (1%)
- Blue (35%)



- Cyan (93%)
- Magenta (97%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.7010, 37.1224, -6.7538 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 13.7010, 37.1224, -6.7538 by changing the saturation by 10% instead.

■ 13.7010, 37.1224,
-6.7538

■ 13.7010, 37.1224,
-6.7538

■ 239.1510, 7.8136,
13.8996

■ 7.4100, 28.3919,
-6.4986

■ 64.7780, 37.0844,
5.4567

■ 6.5490, 17.4773,
-5.7435

■ 89.4300, 38.2420,
7.5159

■ 2.8670, 8.4466,
-2.5144

■ 114.7830, 39.5470,
8.9603

■ 0.0000, 0.0000,
0.0000

■ 141.3100, 40.2732,
9.3751

■ 168.5490, 41.1413,
10.9195

■ 192.5250, 30.8002,

14.4486

■ 217.6320, 18.4224,
17.8627

■ 13.7010, 37.1224,
-6.7538

■ 13.7010, 37.1224,
-6.7538

■ 11.0430, 38.4328,
-7.0537

■ 21.6750, 33.1912,
-5.8540

■ 29.3500, 29.4074,
-5.5690

■ 37.3240, 25.4763,
-4.6691

■ 44.9990, 21.6925,
-4.3841

■ 52.9730, 17.7613,
-3.4843

■ 60.3600, 14.1195,
-2.0697

■ 68.0350, 10.3357,
-1.7847

■ 76.0090, 6.4046,
-0.8849

■ 83.6840, 2.6208,
-0.5999

Harmonies

Analogous

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



28.9930, 37.4715, -25.4269



13.7010, 37.1224, -6.7538



27.3140, 14.1422, 37.4356

Triad

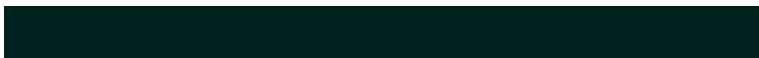
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.7010, 37.1224, -6.7538



17.6080, -8.6807, 31.0388



23.3780, 3.2646, -20.5025

Complementary

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



13.7010, 37.1224, -6.7538



78.2990, -37.1224, 6.7538

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.



19.3710, -9.5499, -16.9884



13.7010, 37.1224, -6.7538



20.6660, -10.1883, 1.1699

Square

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



13.7010, 37.1224, -6.7538



22.4250, -11.0555, 46.1083



19.3710, -9.5499, -16.9884



28.9980, 19.7210, -25.4312

Rectangle

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



13.7010, 37.1224, -6.7538



27.6390, 1.1640, 46.7976



19.3710, -9.5499, -16.9884



21.6680, -3.2873, -19.0028

Sweetspot

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



13.7010, 37.1224, -6.7538



85.4740, 14.5563, -2.1697



61.5250, 13.5452, -51.3264



40.6930, 9.0254, -1.4848



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



13.7010, 37.1224, -6.7538



14.3060, 49.6421, -9.0384



26.5580, 30.7839, 19.6816



39.4560, 1.7472, -0.3999



13.3940, 46.1478, -8.2385



29.1820, 101.4683, -18.5766

Inverse Universe

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



38.1760, 23.5772, 44.5726



47.0390, 31.5328, 59.6018



65.4420, -30.7839, -19.6816



40.6520, 1.1576, 2.0592



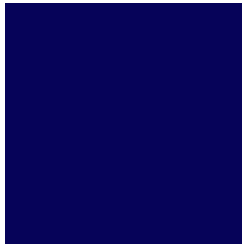
43.7350, 29.2176, 55.4834



96.0290, 64.0757, 121.8776

Previews

White Background



This preview shows how the YUV color 13.7010, 37.1224, -6.7538 looks on a white background.

Color Contrast Check

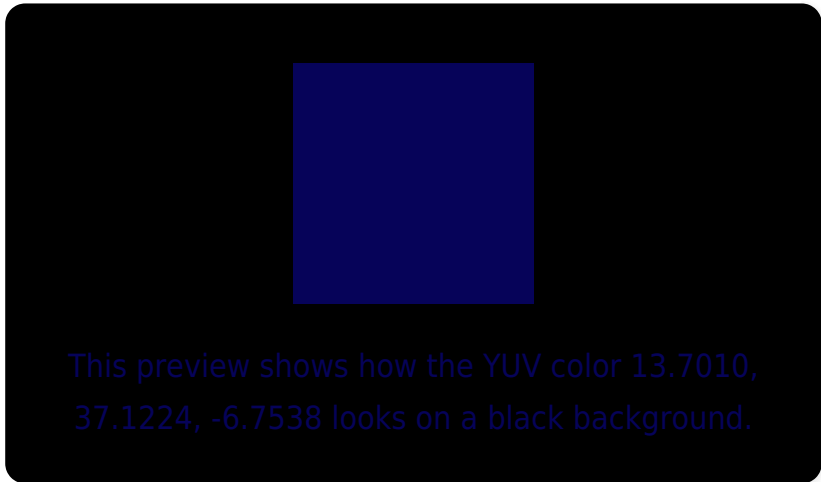
Large Text (above 18pt) WCAG AA ✓ Pass

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

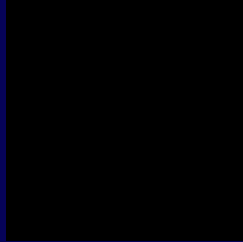
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.7010, 37.1224, -6.7538

Background



This preview shows how black text looks on a background with the YUV color 13.7010, 37.1224, -6.7538.



This preview shows how white text looks on a background with the YUV color 13.7010, 37.1224,

-6.7538.

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

13.7010, 37.1224, -6.7538

Protanopia

21.5320, 16.4997, -18.8836

Deuteranopia

21.6800, 11.9898, -19.0134



Tritanopia

21.1440, 4.8590, -18.5433

Trichromacy



Original Color

13.7010, 37.1224, -6.7538

Protanomaly

18.8020, 23.7616, -14.7354

Deuteranomaly

18.8190, 21.2882, -14.7503

Tritanomaly

18.2660, 16.6309, -14.2653

Monochromacy



Original Color

13.7010, 37.1224, -6.7538

Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

13.8330, 13.3933, -2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.7010, 37.1224, -6.7538 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(6, 3, 89)` looks like.

```
.text, #text, p{  
    color:rgb(6, 3, 89)  
}
```

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(6, 3, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 3, 89) }
```

Border

The CSS property to change the border of an element to YUV 13.7010, 37.1224, -6.7538 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(6, 3, 89) }
```


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

```
.border{ border-color:rgb(6, 3, 89) }
```

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

Here you see how a box with a 4 pixel rgb(6, 3, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 3, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 3, 89); box-shadow:4px  
4px 4px 4px rgb(6, 3, 89) }
```

Background

The CSS property to change the background color of an element to YUV 13.7010, 37.1224, -6.7538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 3, 89) }
```

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

```
.background{ background-color: rgb(6, 3,  
89) }
```

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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