

Converting Colors

YUV(23.0610, 37.9309, 13.9785)

Have a look what the booklet for
YUV(23.0610, 37.9309, 13.9785)
contains.

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Color

**YUV(23.0610, 37.9309,
13.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	270064
RGB	39, 0, 100
RGB Percent	15%, 0%, 39%
CMY	0.8471, 1.0000, 0.6078
CMYK	0.61, 1.00, 0.00, 0.61
HSL	263°, 100%, 20%
HSV	263°, 100%, 39%
XYZ	3.1370, 1.3514, 12.1521
YIQ	23.0610, -8.8560, 39.3680

Conversions

Conversions Part 2

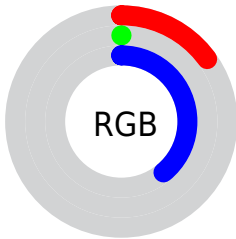
Format	Color
R_{YB}	39, 0, 100
Decimal	2556004
CIE _{Lab}	11.63, 41.29, -48.65
CIE _{LCh}	12, 63.810, 310.317
Yxy	1.3514, 0.1885, 0.0812
Android (android.graphics.Color)	4280746084 (0xFF270064)
YUV	23.0610, 37.9309, 13.9785
Hunter-Lab	11.6251, 27.8229, -53.8401

Details

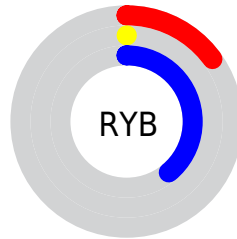
The YUV color **23.0610, 37.9309, 13.9785** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **76.9390, -37.9309, -13.9785**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.7840, 38.0675, 16.8524**, and **5.9280, 22.7135, -5.1989** is the 20% darker color. If you saturate the color by 10%, you get **23.0610, 37.9309, 13.9785**, and if you desaturate by 10%, it is **30.7250, 34.1526, 12.5192**.

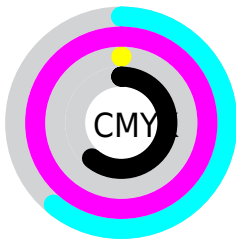
Distribution



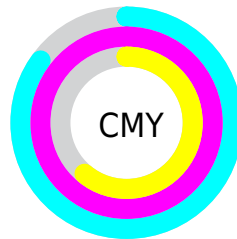
- Red (15%)
- Green (0%)
- Blue (39%)



- Red (15%)
- Yellow (0%)
- Blue (39%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (85%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.0610, 37.9309, 13.9785 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 23.0610, 37.9309, 13.9785 by changing the saturation by 10% instead.

■ 23.0610, 37.9309,
13.9785

■ 23.0610, 37.9309,
13.9785

■ 243.2600, 5.7878,
10.2960

■ 11.9530, 31.5752,
-0.8358

■ 74.7840, 38.0675,
16.8524

■ 5.9280, 22.7135,
-5.1989

■ 100.0230, 38.9357,
18.3968

■ 4.5940, 12.5252,
-4.0289

■ 125.9630, 39.9512,
19.3264

■ 0.0000, 0.0000,
0.0000

■ 152.9030, 40.9668,
20.2561

■ 179.5890, 37.1776,
22.2854

■ 204.1090, 25.0893,

26.2144

■ 226.8240, 13.8908,
24.7104

■ 23.0610, 37.9309,
13.9785

■ 30.7250, 34.1526,
12.5192

■ 38.3890, 30.3742,
11.0598

■ 46.0530, 26.5959,
9.6005

■ 53.7170, 22.8175,
8.1412

■ 61.6800, 18.8918,
7.2966

■ 69.3440, 15.1134,
5.8373

■ 77.0080, 11.3351,
4.3780

■ 84.6720, 7.5567,
2.9187

■ 92.3360, 3.7784,
1.4593

Harmonies

Analogous

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



34.3390, 42.7239, -30.1153



23.0610, 37.9309, 13.9785



33.2660, 13.6729, 48.0017

Triad

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



23.0610, 37.9309, 13.9785



27.3430, -13.4801, 30.3942



31.6590, 7.0701, -27.7649

Complementary

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



23.0610, 37.9309, 13.9785



76.9390, -37.9309, -13.9785

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.



25.8280, -12.7332, -22.6512



23.0610, 37.9309, 13.9785



27.4330, -13.5245, -2.1337

Square

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



23.0610, 37.9309, 13.9785



26.0130, -12.8244, 53.4856



24.6540, -12.1544, -21.6216



37.6210, 24.8368, -32.9936

Rectangle

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



23.0610, 37.9309, 13.9785



33.0640, -0.0316, 56.9489



24.6540, -12.1544, -21.6216



29.8350, 0.0813, -26.1653

Sweetspot

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



23.0610, 37.9309, 13.9785



99.9310, 14.8240, 5.3225



47.7940, 25.7376, -41.9153



47.7260, 9.0091, 3.7483



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



23.0610, 37.9309, 13.9785



30.0690, 49.2660, 18.3565



37.7120, 30.7080, 44.1026



47.1680, 1.8892, 0.7297



26.5650, 43.5985, 16.1675



55.6940, 91.8489, 33.5944

Inverse Universe

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



36.8540, 11.9040, 55.3790



47.8760, 15.3441, 72.0227



62.2880, -30.7080, -44.1026



47.8370, 0.5734, 2.7740



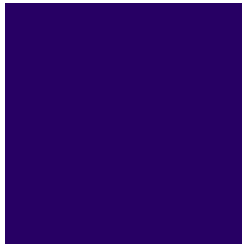
42.3650, 13.6241, 63.7009



89.2300, 28.9736, 133.9793

Previews

White Background



This preview shows how the YUV color 23.0610, 37.9309, 13.9785 looks on a white background.

Color Contrast Check

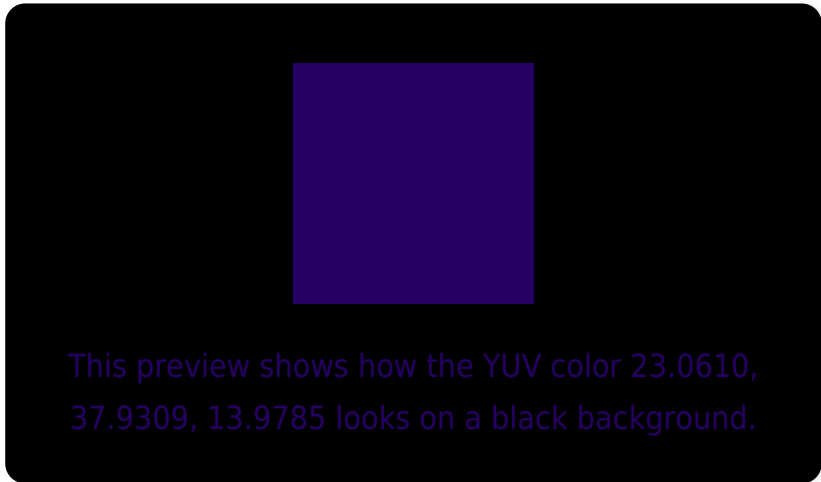
Large Text (above 18pt) WCAG AA ✓ Pass

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

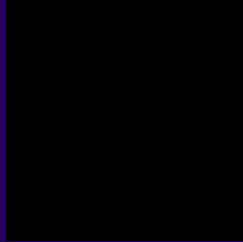
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.0610, 37.9309, 13.9785

Background



This preview shows how black text looks on a background with the YUV color 23.0610, 37.9309, 13.9785.



This preview shows how white text looks on a background with the YUV color 23.0610, 37.9309,

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



Protanopia

28.0520, 21.1734, -24.6016

Deuteranopia

28.0860, 16.2266, -24.6314

Tritanopia

29.4750, 6.1748, -20.5876

Trichromacy



Protanomaly

26.4480, 27.3871, -10.9169

Deuteranomaly

26.2370, 24.0402, -10.7318

Tritanomaly

27.2390, 17.6302, -8.1026

Monochromacy



Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.2900, 13.6610, 5.0077

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.0610, 37.9309, 13.9785 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(39, 0, 100)` looks like.

```
.text, #text, p{  
    color:rgb(39, 0, 100)  
}
```

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(39, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 0, 100) }
```

Border

The CSS property to change the border of an element to YUV 23.0610, 37.9309, 13.9785 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(39, 0, 100) }
```

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

```
.border{ border-color:rgb(39, 0, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 0, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(39, 0, 100)  
}
```


Background

The CSS property to change the background color of an element to YUV 23.0610, 37.9309, 13.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 0, 100) }
```

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

```
.background{ background-color: rgb(39, 0,  
100) }
```

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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