

Converting Colors

YUV(22.6480, 37.6415, 13.4637)

Have a look what the booklet for
YUV(22.6480, 37.6415, 13.4637)
contains.

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Color

**YUV(22.6480, 37.6415,
13.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	260063
RGB	38, 0, 99
RGB Percent	15%, 0%, 39%
CMY	0.8510, 1.0000, 0.6118
CMYK	0.62, 1.00, 0.00, 0.61
HSL	263°, 100%, 19%
HSV	263°, 100%, 39%
XYZ	3.0515, 1.3129, 11.8970
YIQ	22.6480, -9.1310, 38.8450

Conversions

Conversions Part 2

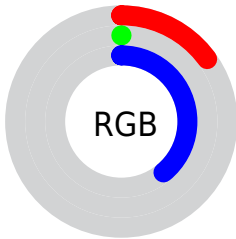
Format	Color
R_{YB}	38, 0, 99
Decimal	2490467
CIE _{Lab}	11.37, 40.96, -48.43
CIE _{LCh}	11, 63.429, 310.221
Yxy	1.3129, 0.1877, 0.0807
Android (android.graphics.Color)	4280680547 (0xFF260063)
YUV	22.6480, 37.6415, 13.4637
Hunter-Lab	11.4583, 27.4844, -53.5392

Details

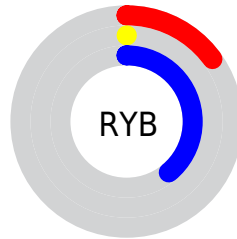
The YUV color **22.6480, 37.6415, 13.4637** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **76.3520, -37.6415, -13.4637**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3710, 37.7781, 16.3376**, and **6.4010, 21.9873, -5.6137** is the 20% darker color. If you saturate the color by 10%, you get **22.6480, 37.6415, 13.4637**, and if you desaturate by 10%, it is **30.3120, 33.8632, 12.0044**.

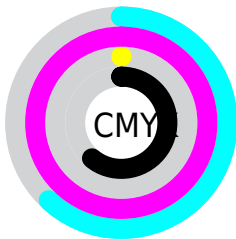
Distribution



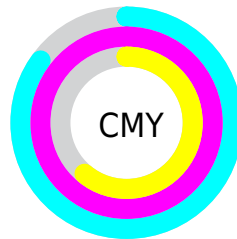
- Red (15%)
- Green (0%)
- Blue (39%)



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



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 22.6480, 37.6415, 13.4637 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 22.6480, 37.6415, 13.4637 by changing the saturation by 10% instead.

■ 22.6480, 37.6415,
13.4637

■ 22.6480, 37.6415,
13.4637

■ 243.2600, 5.7878,
10.2960

■ 11.8390, 31.1384,
-0.7358

■ 74.3710, 37.7781,
16.3376

■ 6.4010, 21.9873,
-5.6137

■ 99.6100, 38.6463,
17.8820

■ 4.4800, 12.0884,
-3.9290

■ 125.5500, 39.6618,
18.8116


■ 0.0000, 0.0000,
0.0000


■ 152.3760, 40.2406,
19.8412


■ 178.7030, 37.6144,
22.1855


■ 203.2230, 25.5261,


26.1144


 226.2370, 14.1802,
25.2252


 22.6480, 37.6415,
13.4637

 30.3120, 33.8632,
12.0044

 37.9760, 30.0848,
10.5450

 45.6400, 26.3065,
9.0857

 53.3040, 22.5281,
7.6264

 61.2670, 18.6024,
6.7818

■ 68.3440, 15.1134,
5.8373

■ 76.0080, 11.3351,
4.3780

■ 83.6720, 7.5567,
2.9187

■ 91.3360, 3.7784,
1.4593

Harmonies

Analogous

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



33.6380, 42.5765, -29.5005



22.6480, 37.6415, 13.4637



32.9670, 13.8203, 47.3869

Triad

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



22.6480, 37.6415, 13.4637



27.0440, -13.3327, 29.7794



31.5450, 6.6333, -27.6650

Complementary

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



22.6480, 37.6415, 13.4637



76.3520, -37.6415, -13.4637

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.



25.2410, -12.4438, -22.1364



22.6480, 37.6415, 13.4637



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.



22.6480, 37.6415, 13.4637



25.7140, -12.6770, 52.8708



24.6540, -12.1544, -21.6216



37.5070, 24.4000, -32.8936

Rectangle

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



22.6480, 37.6415, 13.4637



32.6510, -0.3209, 56.4341



24.6540, -12.1544, -21.6216



29.2480, 0.3707, -25.6505

Sweetspot

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



22.6480, 37.6415, 13.4637



97.9310, 14.8240, 5.3225



47.0930, 25.5902, -41.3006



46.3130, 8.7197, 3.2335



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



22.6480, 37.6415, 13.4637



29.2430, 48.6872, 17.3269



37.2990, 30.4186, 43.5878



44.7550, 1.5998, 0.2149



25.6250, 42.5829, 15.2379



54.8680, 91.2701, 32.5648

Inverse Universe

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



36.5550, 12.0514, 54.7643



47.2780, 15.6389, 70.7932



61.7010, -30.4186, -43.5878



45.5380, 0.7208, 2.1592



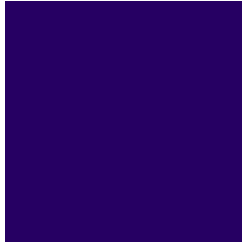
41.3540, 13.6295, 61.9565



88.6320, 29.2684, 132.7497

Previews

White Background



This preview shows how the YUV color 22.6480, 37.6415, 13.4637 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

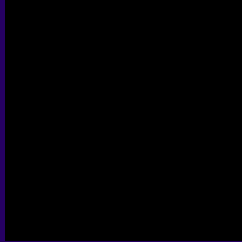
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.6480, 37.6415, 13.4637

Background



This preview shows how black text looks on a background with the YUV color 22.6480, 37.6415, 13.4637.



This preview shows how white text looks on a background with the YUV color 22.6480, 37.6415,

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

27.3510, 21.0260, -23.9868

Deuteranopia

27.9720, 15.7898, -24.5314

Tritanopia

26.9800, 6.9119, -23.6615

Trichromacy



Protanomaly

25.7470, 27.2397, -10.3021

Deuteranomaly

26.1230, 23.6034, -10.6319

Tritanomaly

25.3420, 18.0724, -9.9469

Monochromacy



Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.9910, 13.8084, 4.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.6480, 37.6415, 13.4637 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(38, 0, 99)` looks like.

```
.text, #text, p{  
    color:rgb(38, 0, 99)  
}
```

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(38, 0, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 0, 99) }
```

Border

The CSS property to change the border of an element to YUV 22.6480, 37.6415, 13.4637 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(38, 0, 99) }
```

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

```
.border{ border-color:rgb(38, 0, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 0, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 0, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 0, 99); box-shadow:4px  
4px 4px 4px rgb(38, 0, 99) }
```


Background

The CSS property to change the background color of an element to YUV 22.6480, 37.6415, 13.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 0, 99) }
```

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

```
.background{ background-color: rgb(38, 0,  
99) }
```

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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