

Converting Colors

YUV(36.7110, 82.4735, 7.2695)

Have a look what the booklet for
YUV(36.7110, 82.4735, 7.2695)
contains.

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Color

**YUV(36.7110, 82.4735,
7.2695)**

Conversions

Conversions Part 1

Format	Color
Hex	2D00CC
RGB	45, 0, 204
RGB Percent	18%, 0%, 80%
CMY	0.8235, 1.0000, 0.2000
CMYK	0.78, 1.00, 0.00, 0.20
HSL	253°, 100%, 40%
HSV	253°, 100%, 80%
XYZ	11.9813, 4.9175, 57.4444
YIQ	36.7110, -38.6640, 72.9840

Conversions

Conversions Part 2

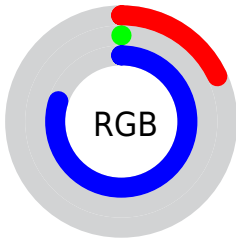
Format	Color
RYB	45, 0, 204
Decimal	2949324
CIELab	26.50, 67.52, -88.33
CIELCh	26, 111.183, 307.393
Yxy	4.9175, 0.1612, 0.0661
Android (android.graphics.Color)	4281139404 (0xFF2D00CC)
YUV	36.7110, 82.4735, 7.2695
Hunter-Lab	22.1755, 57.6353, -138.0648

Details

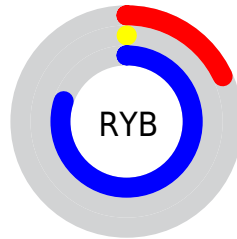
The YUV color **36.7110, 82.4735, 7.2695** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **167.2890, -82.4735, -7.2695**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.9910, 74.4474, 14.9169**, and **16.8720, 64.6461, -14.7967** is the 20% darker color. If you saturate the color by 10%, you get **36.7110, 82.4735, 7.2695**, and if you desaturate by 10%, it is **53.2350, 74.3271, 6.8099**.

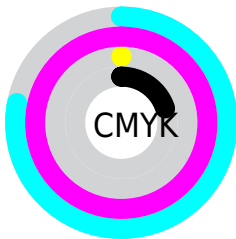
Distribution



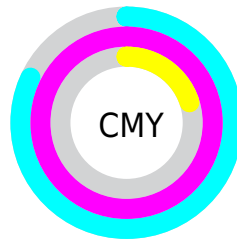
- Red (18%)
- Green (0%)
- Blue (80%)



- Red (18%)
- Yellow (0%)
- Blue (80%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.7110, 82.4735, 7.2695 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 36.7110, 82.4735, 7.2695 by changing the saturation by 10% instead.

■ 36.7110, 82.4735,
7.2695

■ 36.7110, 82.4735,
7.2695

■ 255.0000, 0.0000,
0.0000

■ 20.0640, 76.8764,
-17.5961

■ 103.9910, 74.4474,
14.9169

■ 16.8720, 64.6461,
-14.7967

■ 129.4080, 61.9169,
20.6902

■ 13.7940, 52.8526,
-12.0973

■ 153.9390, 49.8231,
26.3635

■ 15.5260, 39.1807,
-13.6163

■ 179.9430, 37.0031,
31.6220

■ 12.6760, 28.2607,
-11.1169

■ 205.0610, 24.6199,
36.7805

■ 7.7060, 19.3719,
-6.7582

■ 224.4760, 15.0483,

■ 3.4370, 10.6306,


26.7695


-3.0142


 241.4990, 6.6560,
11.8404


 0.0000, 0.0000,
0.0000


 36.7110, 82.4735,
7.2695

 53.2350, 74.3271,
6.8099

 70.3460, 65.8914,
5.8356

 86.8700, 57.7451,
5.3760

 103.9810, 49.3094,
4.4017

 120.5050, 41.1630,
3.9421

■ 136.7300, 33.1641,
2.8678

■ 153.8410, 24.7284,
1.8934

■ 170.3650, 16.5821,
1.4339

■ 187.4760, 8.1463,
0.4595

Harmonies

Analogous

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



71.4990, 83.5640, -62.7046



36.7110, 82.4735, 7.2695



65.0520, 32.0194, 90.2854

Triad

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



36.7110, 82.4735, 7.2695



50.0010, -24.6505, 66.6511



60.5310, 11.0772, -53.0857

Complementary

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



36.7110, 82.4735, 7.2695



167.2890, -82.4735, -7.2695

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.



49.3080, -24.3088, -43.2431



36.7110, 82.4735, 7.2695



56.9700, -28.0862, 1.7803

Square

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



36.7110, 82.4735, 7.2695



51.7270, -25.5014, 106.3564



46.9600, -23.1513, -41.1839



71.9820, 47.3369, -63.1282

Rectangle

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



36.7110, 82.4735, 7.2695



65.6590, 4.6051, 109.9241



46.9600, -23.1513, -41.1839



56.5240, -1.7373, -49.5715

Sweetspot

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



36.7110, 82.4735, 7.2695



192.4480, 30.8381, 2.2381



117.1760, 42.8042, -102.7634



90.2340, 18.6186, 1.5488



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



36.7110, 82.4735, 7.2695



45.8140, 103.1287, 8.9331



66.9100, 67.5854, 69.3619



93.7380, 4.0732, 0.2298



29.9870, 67.0544, 6.1504



6.7240, 15.4191, 1.1191

Inverse Universe

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



79.1220, 39.3799, 109.5180



98.9310, 49.3340, 136.8725



137.0900, -67.5854, -69.3619



95.9020, 2.0203, 5.3479



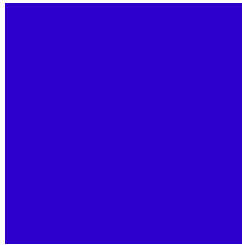
64.3400, 31.8774, 89.1558



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 36.7110, 82.4735, 7.2695 looks on a white background.

Color Contrast Check

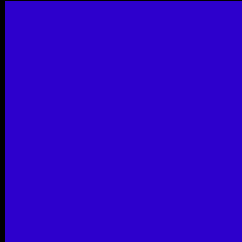
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 36.7110, 82.4735, 7.2695 looks on a 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 36.7110, 82.4735, 7.2695

Background



This preview shows how black text looks on a background with the YUV color 36.7110, 82.4735, 7.2695.



This preview shows how white text looks on a background with the YUV color 36.7110, 82.4735,

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

51.9150, 38.9889, -45.5295

Deuteranopia

51.9830, 29.0954, -45.5891

Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Protanomaly

46.2760, 55.0799, -26.5521

Deuteranomaly

46.5550, 48.5334, -26.7967

Tritanomaly

45.8080, 38.0557, -26.1416

Monochromacy



Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2200, 29.9645, 2.4381

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7110, 82.4735, 7.2695 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(45, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(45, 0, 204)  
}
```

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(45, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 0, 204) }
```

Border

The CSS property to change the border of an element to YUV 36.7110, 82.4735, 7.2695 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(45, 0, 204) }
```

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

```
.border{ border-color:rgb(45, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(45, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(45, 0, 204)  
}
```


Background

The CSS property to change the background color of an element to YUV 36.7110, 82.4735, 7.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 0, 204) }
```

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

```
.background{ background-color: rgb(45, 0,  
204) }
```

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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