

Converting Colors

YUV(37.1500, 69.9320, 16.5314)

Have a look what the booklet for
YUV(37.1500, 69.9320, 16.5314)
contains.

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Color

**YUV(37.1500, 69.9320,
16.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	3800B3
RGB	56, 0, 179
RGB Percent	22%, 0%, 70%
CMY	0.7804, 1.0000, 0.2980
CMYK	0.69, 1.00, 0.00, 0.30
HSL	259°, 100%, 35%
HSV	259°, 100%, 70%
XYZ	9.7676, 4.0954, 42.9235
YIQ	37.1500, -24.0830, 67.5410

Conversions

Conversions Part 2

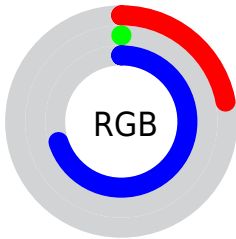
Format	Color
RYB	56, 0, 179
Decimal	3670195
CIELab	23.98, 61.85, -77.71
CIELCh	24, 99.320, 308.518
Yxy	4.0954, 0.1720, 0.0721
Android (android.graphics.Color)	4281860275 (0xFF3800B3)
YUV	37.1500, 69.9320, 16.5314
Hunter-Lab	20.2372, 50.7389, -111.5895

Details

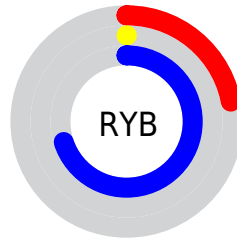
The YUV color **37.1500, 69.9320, 16.5314** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **141.8500, -69.9320, -16.5314**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.9500, 66.5797, 18.4609**, and **14.2500, 54.5998, -12.4972** is the 20% darker color. If you saturate the color by 10%, you get **37.1500, 69.9320, 16.5314**, and if you desaturate by 10%, it is **51.3040, 62.9541, 14.6424**.

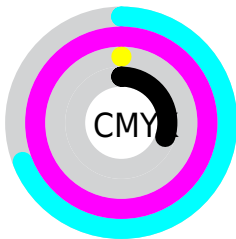
Distribution



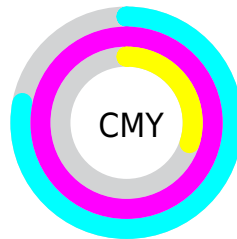
- Red (22%)
- Green (0%)
- Blue (70%)



- Red (22%)
- Yellow (0%)
- Blue (70%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (78%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.1500, 69.9320, 16.5314 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 37.1500, 69.9320, 16.5314 by changing the saturation by 10% instead.

■ 37.1500, 69.9320,
16.5314

■ 37.1500, 69.9320,
16.5314

■ 255.0000, 0.0000,
0.0000

■ 17.2140, 65.9565,
-15.0967

■ 100.9500, 66.5797,
18.4609

■ 14.2500, 54.5998,
-12.4972

■ 127.6470, 62.7850,
22.2346

■ 11.2860, 43.2430,
-9.8978

■ 152.4660, 50.5493,
26.7783

■ 13.6050, 29.2817,
-11.9316

■ 177.2850, 38.3135,
31.3221

■ 8.0480, 20.6823,
-7.0581

■ 202.4030, 25.9303,
36.4806

■ 4.3660, 11.6516,
-3.8290

■ 222.1280, 16.2059,

■ 0.0000, 0.0000,

28.8287

0.0000

■ 239.1510, 7.8136,
13.8996

■ 37.1500, 69.9320,
16.5314

■ 51.3040, 62.9541,
14.6424

■ 65.7570, 55.8288,
13.3681

■ 79.9110, 48.8509,
11.4791

■ 94.0650, 41.8730,
9.5900

■ 108.5180, 34.7476,
8.3157

■ 122.0850, 28.0591,
6.9415

■ 136.2390, 21.0812,
5.0524

■ 150.3930, 14.1033,
3.1633

■ 164.8460, 6.9779,
1.8891

Harmonies

Analogous

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



63.0240, 73.9382, -55.2720



37.1500, 69.9320, 16.5314



58.4440, 27.3891, 82.0486

Triad

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



37.1500, 69.9320, 16.5314



48.1630, -23.7444, 55.9850



55.2650, 11.2084, -48.4674

Complementary

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



37.1500, 69.9320, 16.5314



141.8500, -69.9320, -16.5314

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.



45.1990, -22.2831, -39.6395



37.1500, 69.9320, 16.5314



51.6430, -25.4600, -0.5639

Square

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



37.1500, 69.9320, 16.5314



46.0460, -22.7007, 94.6757



42.8510, -21.1255, -37.5803



65.4620, 42.6632, -57.4102

Rectangle

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



37.1500, 69.9320, 16.5314



58.5390, 3.1853, 98.6283



42.8510, -21.1255, -37.5803



52.3010, -0.1484, -45.8680

Sweetspot

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



37.1500, 69.9320, 16.5314



176.5580, 27.3329, 6.5266



93.7810, 42.0130, -82.2459



83.6750, 16.4292, 3.7930



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



37.1500, 69.9320, 16.5314



48.2750, 90.5764, 21.6838



63.1630, 57.1076, 70.0170



81.9230, 3.4890, 0.9445



31.7940, 59.7546, 14.2127



5.3560, 10.1775, 2.3188

Inverse Universe

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



67.5430, 27.3403, 97.7478



87.4940, 35.2525, 126.7318



115.8370, -57.1076, -70.0170



83.3750, 1.2941, 4.9331



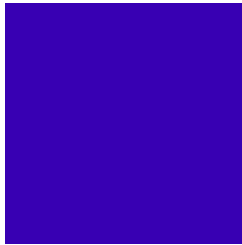
57.7170, 23.3105, 83.5632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 37.1500, 69.9320, 16.5314 looks on a white background.

Color Contrast Check

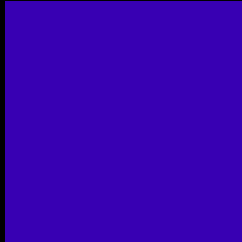
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1500, 69.9320, 16.5314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

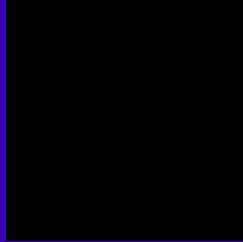
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.1500, 69.9320, 16.5314

Background



This preview shows how black text looks on a background with the YUV color 37.1500, 69.9320, 16.5314.



This preview shows how white text looks on a background with the YUV color 37.1500, 69.9320,

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

47.8400, 36.0679, -41.9557

Tritanopia

46.7220, 11.4761, -40.9752

Trichromacy



Protanomaly

43.8870, 48.3697, -20.9489

Tritanomaly

43.1740, 32.9452, -20.3236

Monochromacy



Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.3900, 25.4437, 5.7970

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.1500, 69.9320, 16.5314 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(56, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(56, 0, 179)  
}
```

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(56, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 0, 179) }
```

Border

The CSS property to change the border of an element to YUV 37.1500, 69.9320, 16.5314 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(56, 0, 179) }
```

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

```
.border{ border-color:rgb(56, 0, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 0, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(56, 0, 179)  
}
```


Background

The CSS property to change the background color of an element to YUV 37.1500, 69.9320, 16.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 0, 179) }
```

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

```
.background{ background-color: rgb(56, 0,  
179) }
```

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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