

Converting Colors

YUV(77.9340, 50.8115, 36.0149)

Have a look what the booklet for
YUV(77.9340, 50.8115, 36.0149)
contains.

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Color

**YUV(77.9340, 50.8115,
36.0149)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 7725B5 |
| RGB | 119, 37, 181 |
| RGB Percent | 47%, 15%, 71% |
| CMY | 0.5333, 0.8549, 0.2902 |
| CMYK | 0.34, 0.80, 0.00, 0.29 |
| HSL | 274°, 66%, 43% |
| HSV | 274°, 80%, 71% |
| XYZ | 16.6098, 8.5813, 44.4970 |
| YIQ | 77.9340, 2.6480, 62.1680 |

Conversions

Conversions Part 2

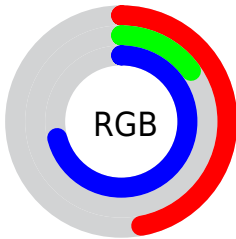
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 119, 37, 181 |
| Decimal | 7808437 |
| CIE Lab | 35.17, 59.00, -60.20 |
| CIE LCh | 35, 84.294, 314.423 |
| Yxy | 8.5813, 0.2383, 0.1231 |
| Android (android.graphics.Color) | 4285998517 (0xFF7725B5) |
| YUV | 77.9340, 50.8115, 36.0149 |
| Hunter-Lab | 29.2938, 49.9467, -69.5552 |

Details

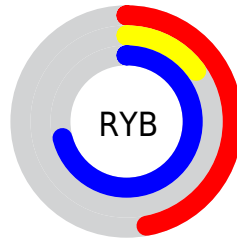
The YUV color **77.9340, 50.8115, 36.0149** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **140.0660, -50.8115, -36.0149**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7600, 51.3903, 37.0445**, and **33.0160, 46.3341, 25.4190** is the 20% darker color. If you saturate the color by 10%, you get **64.9760, 57.1998, 40.3630**, and if you desaturate by 10%, it is **90.8920, 44.4232, 31.6667**.

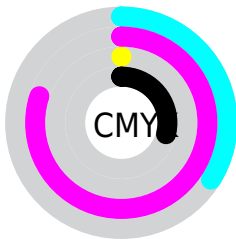
Distribution



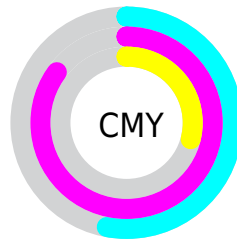
- Red (47%)
- Green (15%)
- Blue (71%)



- Red (47%)
- Yellow (15%)
- Blue (71%)



- Cyan (34%)
- Magenta (80%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (85%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9340, 50.8115, 36.0149 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 77.9340, 50.8115, 36.0149 by changing the saturation by 10% instead.

77.9340, 50.8115,
36.0149

77.9340, 50.8115,
36.0149

255.0000, 0.0000,
0.0000

44.7650, 53.8529,
40.5481

133.7600, 51.3903,
37.0445

33.0160, 46.3341,
25.4190

160.2180, 46.7275,
39.2738

20.7830, 39.5470,
8.9603

185.0370, 34.4918,
43.8176

8.6640, 33.1966,
-7.5983

207.4530, 23.4407,
41.6987

8.2760, 21.5559,
-7.2581

223.8890, 15.3377,
27.2843

4.5940, 12.5252,
-4.0289

240.9120, 6.9454,

0.0000, 0.0000,

12.3552

0.0000

■ 77.9340, 50.8115,
36.0149

■ 77.9340, 50.8115,
36.0149

■ 64.9760, 57.1998,
40.3630

■ 90.8920, 44.4232,
31.6667

■ 52.0180, 63.5881,
44.7112

■ 103.8500, 38.0350,
27.3186

■ 51.4310, 63.8775,
45.2260

■ 116.5090, 31.7941,
22.3556

■ 129.4670, 25.4058,
18.0074

■ 143.0120, 18.7281,
13.1445

■ 155.9700, 12.3398,
8.7963

■ 168.9280, 5.9515,
4.4481

■ 181.5870, -0.2894,
-0.5148

■ 194.5450, -6.6777,
-4.8630

Harmonies

Analogous

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



72.8720, 71.0551, -63.9087



77.9340, 50.8115, 36.0149



67.3150, 26.4667, 97.9477

Triad

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



77.9340, 50.8115, 36.0149



77.6120, -38.2627, 45.9443



76.5060, 18.9775, -67.0958

Complementary

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



77.9340, 50.8115, 36.0149



140.0660, -50.8115, -36.0149

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.



66.5370, -11.6037, -58.3529



77.9340, 50.8115, 36.0149



74.0590, -36.5111, -2.6827

Square

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



77.9340, 50.8115, 36.0149



51.4280, -25.3540, 105.7416



59.2870, -29.2285, -51.9947



83.6880, 46.4958, -73.3944

Rectangle

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



77.9340, 50.8115, 36.0149



66.0720, 4.8945, 110.4389



59.2870, -29.2285, -51.9947



73.1830, 8.7838, -64.1815

Sweetspot

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



77.9340, 50.8115, 36.0149



194.0660, 20.1805, 13.9741



89.8100, 44.9567, -46.3144



92.8560, 11.9030, 8.8963



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.



77.9340, 50.8115, 36.0149



75.3950, 78.6853, 55.7816



95.3320, 37.3043, 75.1308



82.5210, 3.1941, 2.1741



43.4550, 54.0057, 38.1890



7.4490, 9.1456, 6.6222

Inverse Universe

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



87.1240, 5.8549, 82.3293



89.6210, 9.0608, 127.4974



122.6680, -37.3043, -75.1308



83.1470, 0.4205, 5.1331



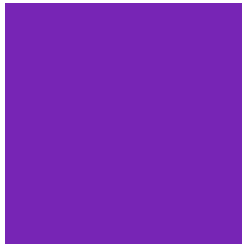
53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 77.9340, 50.8115, 36.0149 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 77.9340, 50.8115, 36.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

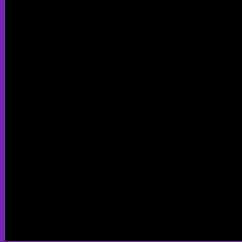
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9340, 50.8115, 36.0149

Background



This preview shows how black text looks on a background with the YUV color 77.9340, 50.8115, 36.0149.



This preview shows how white text looks on a background with the YUV color 77.9340, 50.8115,

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

77.9340, 50.8115, 36.0149

Protanopia

66.9270, 50.8150, -58.6950

Deuteranopia

67.2400, 39.3217, -58.9695



Tritanopia

84.5610, -0.7696, 13.5400

Trichromacy



Original Color

77.9340, 50.8115, 36.0149



Protanomaly

70.8480, 50.8539, -24.4227



Deuteranomaly

70.8990, 43.4338, -24.4674



Tritanomaly

81.9530, 18.2642, 21.9662

Monochromacy



Original Color

77.9340, 50.8115, 36.0149



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

77.8980, 18.2913, 13.2445

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9340, 50.8115, 36.0149 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(119, 37, 181)` looks like.

```
.text, #text, p{  
    color:rgb(119, 37, 181)  
}
```

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(119, 37, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 37, 181) }
```

Border

The CSS property to change the border of an element to YUV 77.9340, 50.8115, 36.0149 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(119, 37, 181) }
```


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

```
.border{ border-color:rgb(119, 37, 181) }
```

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

Here you see how a box with a 4 pixel rgb(119, 37, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 37, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 37, 181);  
box-shadow:4px 4px 4px 4px rgb(119, 37,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 77.9340, 50.8115, 36.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 37, 181) }
```

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

```
.background{ background-color: rgb(119, 37,  
181) }
```

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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