

Converting Colors

YUV(77.2310, 36.8611, 30.4924)

Have a look what the booklet for
YUV(77.2310, 36.8611, 30.4924)
contains.

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Color

**YUV(77.2310, 36.8611,
30.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	702D98
RGB	112, 45, 152
RGB Percent	44%, 18%, 60%
CMY	0.5608, 0.8235, 0.4039
CMYK	0.26, 0.70, 0.00, 0.40
HSL	278°, 54%, 39%
HSV	278°, 70%, 60%
XYZ	13.2880, 7.5885, 30.4701
YIQ	77.2310, 5.5850, 47.4810

Conversions

Conversions Part 2

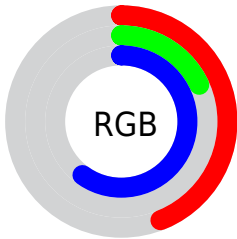
Format	Color
R_{YB}	112, 45, 152
Decimal	7351704
CIE _{Lab}	33.11, 47.82, -46.14
CIE _{LCh}	33, 66.453, 316.021
Yxy	7.5885, 0.2588, 0.1478
Android (android.graphics.Color)	4285541784 (0xFF702D98)
YUV	77.2310, 36.8611, 30.4924
Hunter-Lab	27.5473, 37.8954, -46.2978

Details

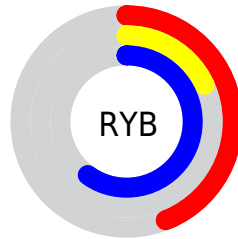
The YUV color **77.2310, 36.8611, 30.4924** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119.7690, -36.8611, -30.4924**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8830, 38.0187, 32.5516**, and **29.0410, 34.9828, 26.2740** is the 20% darker color. If you saturate the color by 10%, you get **66.6320, 42.0864, 34.5257**, and if you desaturate by 10%, it is **87.8300, 31.6358, 26.4591**.

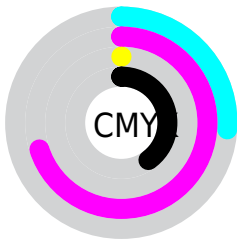
Distribution



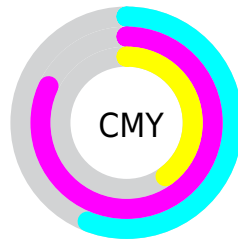
- Red (44%)
- Green (18%)
- Blue (60%)



- Red (44%)
- Yellow (18%)
- Blue (60%)



- Cyan (26%)
- Magenta (70%)
- Yellow (0%)
- Black (40%)



- Cyan (56%)
- Magenta (82%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2310, 36.8611, 30.4924 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 77.2310, 36.8611, 30.4924 by changing the saturation by 10% instead.

■ 77.2310, 36.8611,
30.4924

■ 77.2310, 36.8611,
30.4924

■ 255.0000, 0.0000,
0.0000

■ 49.7580, 37.5873,
30.9072

■ 129.8830, 38.0187,
32.5516

■ 29.0410, 34.9828,
26.2740

■ 156.8230, 39.0343,
33.4812

■ 18.5310, 28.3322,
12.6893

■ 183.5090, 35.2451,
35.5106

■ 5.9280, 22.7135,
-5.1989

■ 208.9150, 22.7199,
39.5395

■ 4.5940, 12.5252,
-4.0289

■ 225.6500, 14.4696,
25.7400

■ 0.0000, 0.0000,
0.0000

■ 242.0860, 6.3666,

11.3256

■ 77.2310, 36.8611,
30.4924

■ 77.2310, 36.8611,
30.4924

■ 66.6320, 42.0864,
34.5257

■ 87.8300, 31.6358,
26.4591

■ 56.3320, 47.1643,
39.1738

■ 98.1300, 26.5579,
21.8110

■ 45.7330, 52.3896,
43.2072

■ 109.3160, 21.0432,
17.2629

■ 119.9150, 15.8179,
13.2295

■ 130.2150, 10.7400,
8.5814

■ 140.8140, 5.5147,
4.5481

■ 151.4130, 0.2894,
0.5148

■ 162.3000, -5.0779,
-4.6481

■ 172.8990,
-10.3032, -8.6814

Harmonies

Analogous

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



64.6590, 57.3561, -56.7059



77.2310, 36.8611, 30.4924



58.6140, 22.8683, 85.4075

Triad

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



77.2310, 36.8611, 30.4924



74.0130, -36.4884, 36.8226



70.1970, 17.6509, -61.5628

Complementary

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



77.2310, 36.8611, 30.4924



119.7690, -36.8611, -30.4924

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.



62.6390, -6.2310, -54.9344



77.2310, 36.8611, 30.4924



70.2380, -34.6273, -0.2087

Square

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



77.2310, 36.8611, 30.4924



64.5090, -31.8029, 74.0986



54.5910, -26.9134, -47.8763



75.0820, 38.9066, -65.8469

Rectangle

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



77.2310, 36.8611, 30.4924



57.6140, 6.1063, 95.0545



54.5910, -26.9134, -47.8763



68.1450, 9.7885, -59.7632

Sweetspot

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



77.2310, 36.8611, 30.4924



167.4480, 14.0761, 11.8851



81.2650, 34.8724, -31.8044



82.2210, 8.2720, 6.8222



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



77.2310, 36.8611, 30.4924



80.9060, 56.7413, 47.4404



87.8230, 25.7233, 56.2832



71.4070, 2.7573, 2.2741



42.2720, 48.1799, 40.1035



3.8740, 4.4991, 3.6185

Inverse Universe

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



81.5530, 1.6994, 61.7820



87.4030, 2.7593, 95.2396



109.1770, -25.7233, -56.2832



71.7340, 0.1311, 4.6183



47.7880, 2.0765, 80.8699



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 77.2310, 36.8611, 30.4924 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

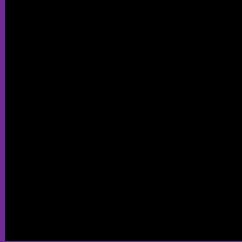
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.2310, 36.8611, 30.4924

Background



This preview shows how black text looks on a background with the YUV color 77.2310, 36.8611, 30.4924.



This preview shows how white text looks on a background with the YUV color 77.2310, 36.8611,

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

77.2310, 36.8611, 30.4924

Protanopia

62.9660, 48.3308, -55.2212

Deuteranopia

63.0340, 38.4372, -55.2808



Tritanopia

79.9420, -1.9434, 16.7139

Trichromacy



Original Color

77.2310, 36.8611, 30.4924

Protanomaly

68.4260, 44.1600, -24.0526

Deuteranomaly

68.1180, 37.9028, -23.7825

Tritanomaly

79.3460, 12.1544, 21.6216

Monochromacy



Original Color

77.2310, 36.8611, 30.4924

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9210, 13.3499, 11.4703

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2310, 36.8611, 30.4924 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(112, 45, 152)` looks like.

```
.text, #text, p{  
    color:rgb(112, 45, 152)  
}
```

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(112, 45, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 45, 152) }
```

Border

The CSS property to change the border of an element to YUV 77.2310, 36.8611, 30.4924 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(112, 45, 152) }
```


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

```
.border{ border-color:rgb(112, 45, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 45, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 45, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 45, 152);  
box-shadow:4px 4px 4px 4px rgb(112, 45,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 77.2310, 36.8611, 30.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 45, 152) }
```

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

```
.background{ background-color: rgb(112, 45,  
152) }
```

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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