

Converting Colors

YUV(63.0500, 37.9363, 12.2341)

Have a look what the booklet for
YUV(63.0500, 37.9363, 12.2341)
contains.

YUV(63.0500, 37.9363, 12.2341)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.0500, 37.9363,
12.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	4D298C
RGB	77, 41, 140
RGB Percent	30%, 16%, 55%
CMY	0.6980, 0.8392, 0.4510
CMYK	0.45, 0.71, 0.00, 0.45
HSL	262°, 55%, 35%
HSV	262°, 71%, 55%
XYZ	8.5871, 5.0571, 25.3345
YIQ	63.0500, -10.3230, 38.4210

Conversions

Conversions Part 2

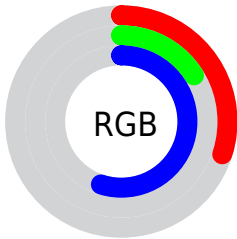
Format	Color
R_{YB}	77, 41, 140
Decimal	5056908
CIE _{Lab}	26.90, 39.46, -49.05
CIE _{LCh}	27, 62.952, 308.813
Yxy	5.0571, 0.2203, 0.1297
Android (android.graphics.Color)	4283246988 (0xFF4D298C)
YUV	63.0500, 37.9363, 12.2341
Hunter-Lab	22.4880, 28.8069, -51.0531

Details

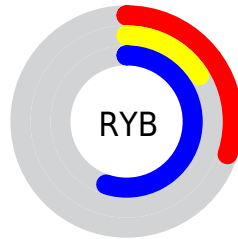
The YUV color **63.0500, 37.9363, 12.2341** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **117.9500, -37.9364, -12.2342**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5280, 39.6727, 15.3229**, and **15.5280, 36.2217, 2.1679** is the 20% darker color. If you saturate the color by 10%, you get **52.1410, 43.3145, 13.9083**, and if you desaturate by 10%, it is **73.9590, 32.5582, 10.5600**.

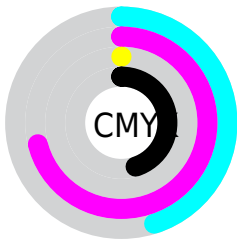
Distribution



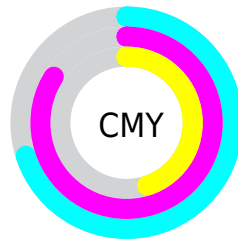
- Red (30%)
- Green (16%)
- Blue (55%)



- Red (30%)
- Yellow (16%)
- Blue (55%)



- Cyan (45%)
- Magenta (71%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0500, 37.9363, 12.2341 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 63.0500, 37.9363, 12.2341 by changing the saturation by 10% instead.

63.0500, 37.9363,
12.2341

63.0500, 37.9363,
12.2341

255.0000, 0.0000,
0.0000

37.9250, 37.5050,
10.5898

113.5280, 39.6727,
15.3229

15.5280, 36.2217,
2.1679

139.8810, 40.9777,
16.7674

7.4100, 28.3919,
-6.4986

167.4080, 41.7039,
17.1822

6.5490, 17.4773,
-5.7435

191.6830, 31.2153,
21.3260

2.8670, 8.4466,
-2.5144

216.7900, 18.8375,
24.7402

0.0000, 0.0000,
0.0000

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

63.0500, 37.9363,
12.2341

63.0500, 37.9363,
12.2341

52.1410, 43.3145,
13.9083

73.9590, 32.5582,
10.5600

41.2320, 48.6926,
15.5825

84.8680, 27.1801,
8.8858

31.2090, 53.6340,
17.3567

95.7770, 21.8019,
7.2116

106.6860, 16.4238,
5.5374

117.5950, 11.0457,
3.8632

■ 128.2050, 5.8149,
1.5742

■ 139.1140, 0.4368,
-0.1000

■ 150.0230, -4.9413,
-1.7742

■ 160.9320,
-10.3195, -3.4484

Harmonies

Analogous

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



57.0960, 51.2247, -50.0732



63.0500, 37.9363, 12.2341



49.5580, 24.3749, 68.7936

Triad

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



63.0500, 37.9363, 12.2341



59.2830, -29.2265, 40.9708



56.9120, 9.9034, -49.9118

Complementary

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



63.0500, 37.9363, 12.2341



117.9500, -37.9364, -12.2342

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.



49.8100, -12.2313, -43.6834



63.0500, 37.9363, 12.2341



58.4760, -28.8287, 6.5985

Square

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



63.0500, 37.9363, 12.2341



41.0550, -19.7471, 80.6358



44.6120, -21.9937, -39.1247



62.2700, 30.4329, -54.6108

Rectangle

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



63.0500, 37.9363, 12.2341



50.2100, 8.7705, 80.4998



44.6120, -21.9937, -39.1247



54.9740, 2.4778, -48.2122

Sweetspot

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



63.0500, 37.9363, 12.2341



151.5180, 14.5346, 4.8077



89.8540, 24.7220, -42.8450



74.0140, 8.8671, 2.6187



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



63.0500, 37.9363, 12.2341



61.3000, 59.0121, 19.0309



77.4020, 30.8608, 41.7434



63.3960, 2.7628, 0.5297



29.5140, 51.0186, 16.2122



1.1680, 1.8892, 0.7297

Inverse Universe

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



77.7830, 12.9250, 54.5643



84.2180, 20.1055, 84.8778



103.5980, -30.8608, -41.7434



64.5490, 0.7153, 3.9035



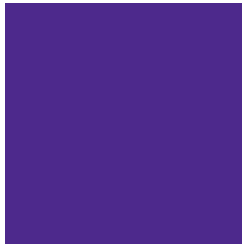
49.3430, 17.0859, 73.3672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 63.0500, 37.9363, 12.2341 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 63.0500, 37.9363, 12.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

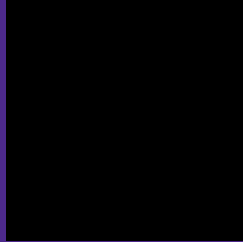
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0500, 37.9363, 12.2341

Background



This preview shows how black text looks on a background with the YUV color 63.0500, 37.9363, 12.2341.



This preview shows how white text looks on a background with the YUV color 63.0500, 37.9363,

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

63.0500, 37.9363, 12.2341

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.6240, 30.2584, -45.2742



Tritanopia

63.7760, 3.0684, -4.1886

Trichromacy



Original Color

63.0500, 37.9363, 12.2341

Protanomaly

55.3460, 38.7764, -23.9824

Deuteranomaly

55.8530, 33.1035, -24.4271

Tritanomaly

63.4360, 15.5611, 2.2486

Monochromacy



Original Color

63.0500, 37.9363, 12.2341

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9910, 13.8084, 4.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0500, 37.9363, 12.2341 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(77, 41, 140)` looks like.

```
.text, #text, p{  
  color:rgb(77, 41, 140)  
}
```

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(77, 41, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 41, 140) }
```

Border

The CSS property to change the border of an element to YUV 63.0500, 37.9363, 12.2341 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(77, 41, 140) }
```


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

```
.border{ border-color:rgb(77, 41, 140) }
```

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

Here you see how a box with a 4 pixel rgb(77, 41, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 41, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 41, 140);  
box-shadow:4px 4px 4px 4px rgb(77, 41,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 63.0500, 37.9363, 12.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 41, 140) }
```

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

```
.background{ background-color: rgb(77, 41,  
140) }
```

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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