

Converting Colors

YUV(42.3900, 15.5837, 41.7540)

Have a look what the booklet for
YUV(42.3900, 15.5837, 41.7540)
contains.

YUV(42.3900, 15.5837, 41.7540)	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(42.3900, 15.5837,
41.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	5A0C4A
RGB	90, 12, 74
RGB Percent	35%, 5%, 29%
CMY	0.6471, 0.9529, 0.7098
CMYK	0.00, 0.87, 0.18, 0.65
HSL	312°, 76%, 20%
HSV	312°, 87%, 35%
XYZ	5.5840, 2.9310, 6.7500
YIQ	42.3900, 26.5860, 35.8180

Conversions

Conversions Part 2

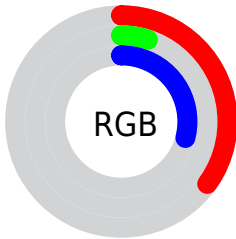
Format	Color
RYB	90, 12, 74
Decimal	5901386
CIELab	19.77, 40.21, -17.49
CIELCh	20, 43.851, 336.493
Yxy	2.9310, 0.3658, 0.1920
Android (android.graphics.Color)	4284091466 (0xFF5A0C4A)
YUV	42.3900, 15.5837, 41.7540
Hunter-Lab	17.1202, 28.2595, -11.3922

Details

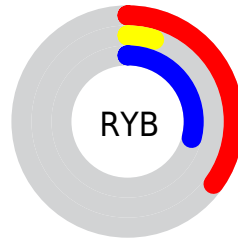
The YUV color **42.3900, 15.5837, 41.7540** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.6100, -15.5837, -41.7540**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5210, 13.5471, 41.6391**, and **16.6900, 7.0548, 23.9509** is the 20% darker color. If you saturate the color by 10%, you get **36.8790, 17.3147, 46.5871**, and if you desaturate by 10%, it is **47.9010, 13.8528, 36.9208**.

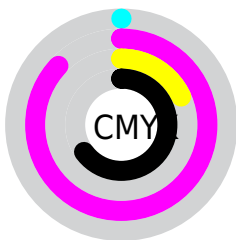
Distribution



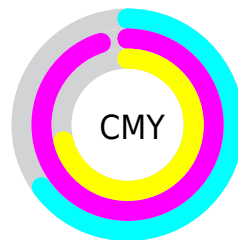
- Red (35%)
- Green (5%)
- Blue (29%)



- Red (35%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (87%)
- Yellow (18%)
- Black (65%)



- Cyan (65%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.3900, 15.5837, 41.7540 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 42.3900, 15.5837, 41.7540 by changing the saturation by 10% instead.

42.3900, 15.5837,
41.7540

42.3900, 15.5837,
41.7540

255.0000, 0.0000,
0.0000

25.2490, 12.6952,
34.8616

95.5210, 13.5471,
41.6391

16.6900, 7.0548,
23.9509

121.2330, 13.6891,
42.7687

0.0000, 0.0000,
0.0000

147.9450, 13.8311,
43.8982


174.9560, 13.8257,
45.6426


202.9560, 13.8257,
45.6426


221.5410, 16.4953,


29.3435


 238.5640, 8.1029,
14.4144


 42.3900, 15.5837,
41.7540


 42.3900, 15.5837,
41.7540

 36.8790, 17.3147,
46.5871


 47.9010, 13.8528,
36.9208

 35.1180, 18.1828,
48.1315

 53.4120, 12.1219,
32.0877

 58.9230, 10.3910,
27.2545

 64.3200, 8.2232,
22.5214

 69.8310, 6.4923,
17.6882

■ 75.3420, 4.7614,
12.8551

■ 80.8530, 3.0305,
8.0219

■ 86.3640, 1.2995,
3.1888

■ 91.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



48.0910, 25.5911, 5.1822



42.3900, 15.5837, 41.7540



35.2860, 3.3100, 58.5082

Triad

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



42.3900, 15.5837, 41.7540



44.9090, -22.1401, 7.9728



45.4970, 19.4750, -39.9009

Complementary

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



42.3900, 15.5837, 41.7540



59.6100, -15.5837, -41.7540

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.



41.9630, 5.9342, -36.8016



42.3900, 15.5837, 41.7540



38.5530, -19.0066, -17.1480

Square

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



42.3900, 15.5837, 41.7540



45.0520, -22.2106, 30.6494



37.5000, -8.6275, -32.8875



46.2440, 29.9527, -40.5560

Rectangle

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



42.3900, 15.5837, 41.7540



36.5170, -7.1569, 55.6746



37.5000, -8.6275, -32.8875



44.4710, 15.5438, -39.0011

Sweetspot

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



42.3900, 15.5837, 41.7540



98.7060, 6.0609, 16.0438



25.6760, 31.7117, 2.0381



47.3910, 3.7512, 10.1811



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



42.3900, 15.5837, 41.7540



45.5850, 23.3756, 62.6310



37.9440, -1.4514, 45.6531



42.9510, 1.0102, 2.6740



42.8080, 21.7867, 58.9274



92.4090, 47.6194, 126.8063

Inverse Universe

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



42.3900, 15.5837, 41.7540



45.5850, 23.3756, 62.6310



64.0560, 1.4514, -45.6531



42.9510, 1.0102, 2.6740



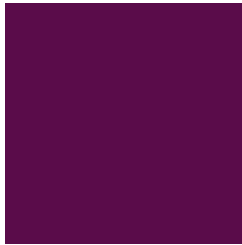
42.8080, 21.7867, 58.9274



92.4090, 47.6194, 126.8063

Previews

White Background



This preview shows how the YUV color 42.3900, 15.5837, 41.7540 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

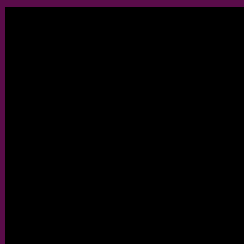
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.3900, 15.5837, 41.7540

Background



This preview shows how black text looks on a background with the YUV color 42.3900, 15.5837, 41.7540.



This preview shows how white text looks on a background with the YUV color 42.3900, 15.5837,

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

42.3900, 15.5837, 41.7540

Protanopia

42.3100, 29.9202, -30.0899

Deuteranopia

50.4860, 9.6204, -5.6882



Tritanopia

47.5590, -7.6706, 33.7128

Trichromacy



Original Color

42.3900, 15.5837, 41.7540

Protanomaly

42.3950, 24.4553, -3.8544

Deuteranomaly

47.4650, 11.6028, 11.8702

Tritanomaly

45.4590, 0.7597, 36.4315

Monochromacy



Original Color

42.3900, 15.5837, 41.7540

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9940, 5.9190, 14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.3900, 15.5837, 41.7540 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(90, 12, 74)` looks like.

```
.text, #text, p{  
    color:rgb(90, 12, 74)  
}
```

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(90, 12, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 12, 74) }
```

Border

The CSS property to change the border of an element to YUV 42.3900, 15.5837, 41.7540 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(90, 12, 74) }
```


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

```
.border{ border-color:rgb(90, 12, 74) }
```

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

Here you see how a box with a 4 pixel rgb(90, 12, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 12, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 12, 74);  
box-shadow:4px 4px 4px 4px rgb(90, 12, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.3900, 15.5837, 41.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 12, 74) }
```

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

```
.background{ background-color: rgb(90, 12,  
74) }
```

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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