

Converting Colors

YUV(57.5000, 42.1515, 13.5935)

Have a look what the booklet for
YUV(57.5000, 42.1515, 13.5935)
contains.

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Color

**YUV(57.5000, 42.1515,
13.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	49218F
RGB	73, 33, 143
RGB Percent	29%, 13%, 56%
CMY	0.7137, 0.8706, 0.4392
CMYK	0.49, 0.77, 0.00, 0.44
HSL	262°, 62%, 35%
HSV	262°, 77%, 56%
XYZ	8.2494, 4.4874, 26.4180
YIQ	57.5000, -11.4700, 42.6900

Conversions

Conversions Part 2

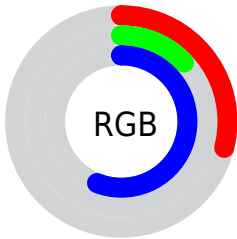
Format	Color
R _Y B	73, 33, 143
Decimal	4792719
CIE Lab	25.22, 43.70, -53.67
CIE LCh	25, 69.210, 309.153
Yxy	4.4874, 0.2107, 0.1146
Android (android.graphics.Color)	4282982799 (0xFF49218F)
YUV	57.5000, 42.1515, 13.5935
Hunter-Lab	21.1834, 32.4423, -59.1127

Details

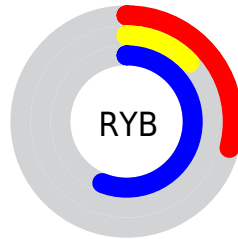
The YUV color **57.5000, 42.1515, 13.5935** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **118.5000, -42.1515, -13.5935**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9780, 43.8878, 16.6823**, and **12.4670, 38.7168, -4.7946** is the 20% darker color. If you saturate the color by 10%, you get **46.5910, 47.5296, 15.2677**, and if you desaturate by 10%, it is **68.4090, 36.7734, 11.9193**.

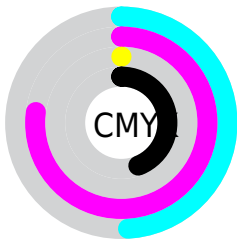
Distribution



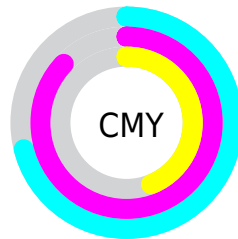
- Red (29%)
- Green (13%)
- Blue (56%)



- Red (29%)
- Yellow (13%)
- Blue (56%)



- Cyan (49%)
- Magenta (77%)
- Yellow (0%)
- Black (44%)



- Cyan (71%)
- Magenta (87%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.5000, 42.1515, 13.5935 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 57.5000, 42.1515, 13.5935 by changing the saturation by 10% instead.

■ 57.5000, 42.1515,
13.5935

■ 57.5000, 42.1515,
13.5935

■ 255.0000, 0.0000,
0.0000

■ 30.0160, 42.8831,
12.2640

■ 108.9780, 43.8878,
16.6823

■ 12.4670, 38.7168,
-4.7946

■ 135.2170, 44.7560,
18.2267

■ 7.6380, 29.2655,
-6.6985

■ 162.4560, 45.6242,
19.7711

■ 6.7770, 18.3509,
-5.9434

■ 186.9760, 33.5358,
23.7000

■ 3.0950, 9.3202,
-2.7143

■ 211.4960, 21.4475,
27.6290

■ 0.0000, 0.0000,
0.0000

■ 231.5200, 11.5756,

20.5920

248.5430, 3.1833,
5.6628

57.5000, 42.1515,
13.5935

57.5000, 42.1515,
13.5935

46.5910, 47.5296,
15.2677

68.4090, 36.7734,
11.9193

35.0950, 53.1972,
17.4567

79.9050, 31.1058,
9.7303

31.8500, 54.7970,
17.6715

90.8140, 25.7277,
8.0561

101.7230, 20.3496,
6.3819

112.6320, 14.9714,
4.7077

■ 124.4270, 9.1565,
3.1335

■ 135.3360, 3.7784,
1.4593

■ 146.2450, -1.5998,
-0.2149

■ 157.7410, -7.2673,
-2.4039

Harmonies

Analogous

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



55.9050, 54.2768, -49.0287



57.5000, 42.1515, 13.5935



50.0420, 23.6433, 70.1232

Triad

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



57.5000, 42.1515, 13.5935



55.4510, -27.3373, 41.7005



54.9230, 9.8980, -48.1675

Complementary

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



57.5000, 42.1515, 13.5935



118.5000, -42.1515, -13.5935

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.



47.2510, -14.4207, -41.4391



57.5000, 42.1515, 13.5935



54.9210, -27.0761, 4.4543

Square

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



57.5000, 42.1515, 13.5935



39.7670, -19.6051, 81.7653



42.8510, -21.1255, -37.5803



60.7370, 32.1747, -53.2663

Rectangle

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



57.5000, 42.1515, 13.5935



50.0530, 6.8759, 81.5145



42.8510, -21.1255, -37.5803



52.2840, 2.3250, -45.8531

Sweetspot

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



57.5000, 42.1515, 13.5935



152.6860, 16.4238, 5.5374



87.2170, 27.5010, -47.5483



73.9540, 9.8827, 3.5483



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



57.5000, 42.1515, 13.5935



53.0320, 65.5532, 21.0199



73.3470, 34.3389, 46.1767



65.6950, 2.6154, 1.1445



30.0410, 51.7448, 16.6270



1.8090, 3.0522, 1.0445

Inverse Universe

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



73.8700, 14.3611, 60.6270



78.5550, 22.4044, 94.2293



102.3540, -34.1915, -46.7915



66.6630, 1.1521, 3.8035



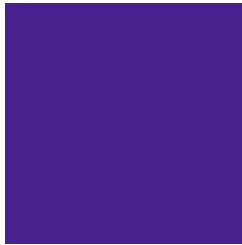
50.1690, 17.6647, 74.3968



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 57.5000, 42.1515, 13.5935 looks on a white background.

Color Contrast Check

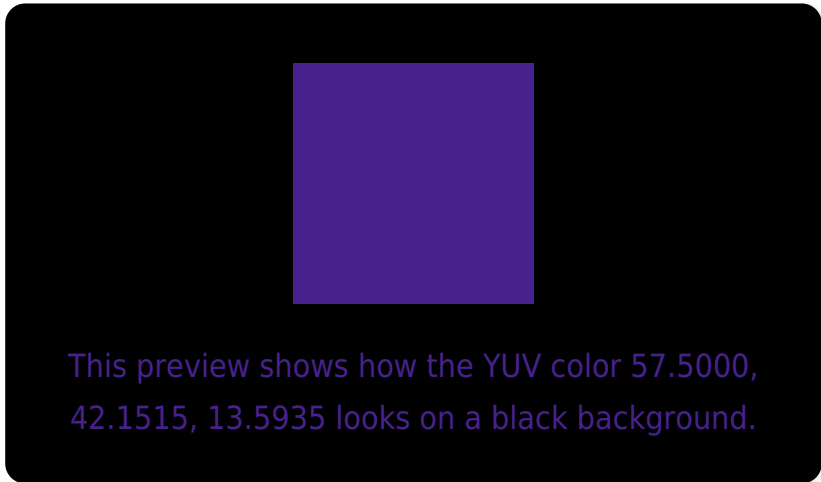
Large Text (above 18pt) WCAG AA ✓ Pass

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

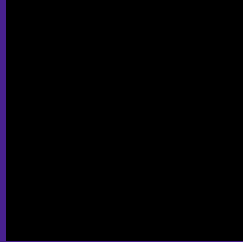
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.5000, 42.1515, 13.5935

Background



This preview shows how black text looks on a background with the YUV color 57.5000, 42.1515, 13.5935.



This preview shows how white text looks on a background with the YUV color 57.5000, 42.1515,

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

57.5000, 42.1515, 13.5935

Protanopia

48.0680, 36.9415, -42.1556

Deuteranopia

48.4780, 28.3583, -42.5152



Tritanopia

59.5800, 3.6581, -6.6477

Trichromacy



Original Color

57.5000, 42.1515, 13.5935

Protanomaly

51.6560, 38.6236, -21.6233

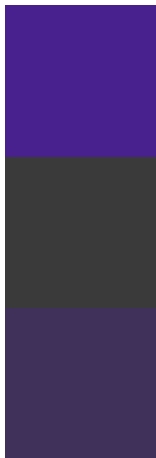
Deuteranomaly

51.5760, 33.2400, -21.5532

Tritanomaly

58.7070, 17.8924, 1.1340

Monochromacy



Original Color

57.5000, 42.1515, 13.5935

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7460, 15.4082, 4.6078

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.5000, 42.1515, 13.5935 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(73, 33, 143)` looks like.

```
.text, #text, p{  
  color:rgb(73, 33, 143)  
}
```

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(73, 33, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 33, 143) }
```

Border

The CSS property to change the border of an element to YUV 57.5000, 42.1515, 13.5935 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(73, 33, 143) }
```


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

```
.border{ border-color:rgb(73, 33, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 33, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 33, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 33, 143);  
box-shadow:4px 4px 4px 4px rgb(73, 33,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 57.5000, 42.1515, 13.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 33, 143) }
```

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

```
.background{ background-color: rgb(73, 33,  
143) }
```

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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