

Converting Colors

YUV(100.2340, 42.2826,
18.2118)

Have a look what the booklet for
YUV(100.2340, 42.2826, 18.2118)
contains.

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Color

**YUV(100.2340, 42.2826,
18.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	7949BA
RGB	121, 73, 186
RGB Percent	47%, 29%, 73%
CMY	0.5255, 0.7137, 0.2706
CMYK	0.35, 0.61, 0.00, 0.27
HSL	265°, 45%, 51%
HSV	265°, 61%, 73%
XYZ	19.1306, 12.3752, 47.8347
YIQ	100.2340, -7.6650, 45.3190

Conversions

Conversions Part 2

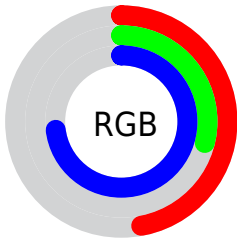
Format	Color
R_{YB}	121, 73, 186
Decimal	7948730
CIE _{Lab}	41.81, 43.86, -52.37
CIE _{LCh}	42, 68.311, 309.942
Yxy	12.3752, 0.2411, 0.1560
Android (android.graphics.Color)	4286138810 (0xFF7949BA)
YUV	100.2340, 42.2826, 18.2118
Hunter-Lab	35.1784, 35.5092, -55.9962

Details

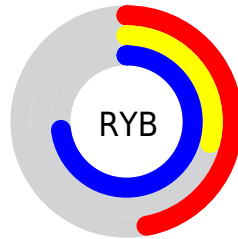
The YUV color **100.2340, 42.2826, 18.2118** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **158.7660, -42.2826, -18.2118**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4130, 44.1664, 20.6858**, and **48.8700, 40.9831, 15.0230** is the 20% darker color. If you saturate the color by 10%, you get **85.7920, 49.4025, 21.2304**, and if you desaturate by 10%, it is **114.6760, 35.1627, 15.1931**.

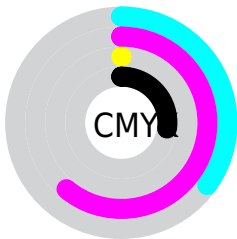
Distribution



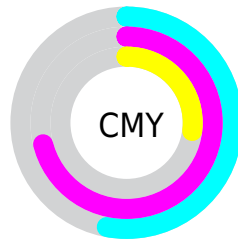
- Red (47%)
- Green (29%)
- Blue (73%)



- Red (47%)
- Yellow (29%)
- Blue (73%)



- Cyan (35%)
- Magenta (61%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2340, 42.2826, 18.2118 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 100.2340, 42.2826, 18.2118 by changing the saturation by 10% instead.

■ 100.2340, 42.2826,
18.2118

■ 100.2340, 42.2826,
18.2118

■ 255.0000, 0.0000,
0.0000

■ 74.9950, 41.4145,
16.6674

■ 153.4130, 44.1664,
20.6858

■ 48.8700, 40.9831,
15.0230

■ 178.7140, 37.6090,
23.9298

■ 23.1470, 40.8465,
12.1491

■ 203.8210, 25.2312,
27.3440

■ 10.4300, 34.7910,
-5.6391

■ 225.6500, 14.4696,
25.7400

■ 6.4980, 24.8975,
-5.6987

■ 242.6730, 6.0772,
10.8108

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 100.2340, 42.2826,
18.2118

■ 100.2340, 42.2826,
18.2118

■ 85.7920, 49.4025,
21.2304

■ 114.6760, 35.1627,
15.1931

■ 72.2360, 56.0857,
24.3490

■ 128.2320, 28.4796,
12.0745

■ 57.7940, 63.2056,
27.3677

■ 142.6740, 21.3597,
9.0559

■ 44.8250, 69.5993,
29.9715

■ 156.5290, 14.5292,
6.5521

■ 170.6720, 7.5567,
2.9187

■ 185.1140, 0.4368,
-0.1000

■ 198.9690, -6.3937,
-2.6038

■ 213.4110,
-13.5136, -5.6224

■ 226.9670,
-20.1967, -8.7411

Harmonies

Analogous

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



82.7540, 63.2253, -72.5753



100.2340, 42.2826, 18.2118



88.6130, 24.3478, 77.5154

Triad

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



100.2340, 42.2826, 18.2118



92.3970, -45.5517, 50.5178



84.9520, 15.7997, -74.5029

Complementary

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



100.2340, 42.2826, 18.2118



158.7660, -42.2826, -18.2118

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.



76.9380, -9.8294, -67.4746



100.2340, 42.2826, 18.2118



90.9700, -44.8482, 11.4273

Square

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



100.2340, 42.2826, 18.2118



86.6720, -28.9253, 84.4797



77.0840, -38.0024, -37.7847



90.4070, 39.2393, -79.2869

Rectangle

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



100.2340, 42.2826, 18.2118



73.3300, 13.6413, 104.9506



77.0840, -38.0024, -37.7847



82.6720, 7.0637, -72.5033

Sweetspot

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



100.2340, 42.2826, 18.2118



209.2840, 16.1290, 6.7669



124.6240, 30.2584, -45.2742



101.6660, 10.0247, 4.6779



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



100.2340, 42.2826, 18.2118



107.9020, 66.1103, 29.0269



116.9780, 34.0278, 52.6393



85.2220, 3.3416, 1.5593



37.5180, 58.4116, 24.9787



6.7800, 10.4615, 4.5779

Inverse Universe

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



114.1970, 11.7349, 62.9712



129.5510, 18.4624, 98.6178



142.0220, -34.0278, -52.6393



86.2610, 0.8573, 5.0331



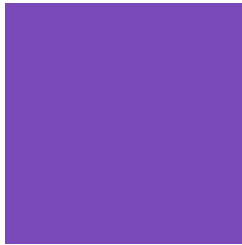
56.7900, 15.8795, 87.0072



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 100.2340, 42.2826, 18.2118 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 × Fail

Black Background



This preview shows how the YUV color 100.2340, 42.2826, 18.2118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

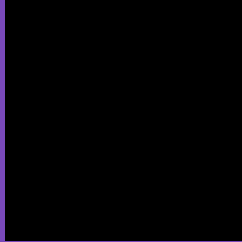
Any Text WCAG AA × Fail

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 100.2340, 42.2826, 18.2118 Background



This preview shows how black text looks on a background with the YUV color 100.2340, 42.2826, 18.2118.



This preview shows how white text looks on a background with the YUV color 100.2340, 42.2826, 18.2118.

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

100.2340, 42.2826, 18.2118

Protanopia

78.7930, 60.7411, -69.1015

Deuteranopia

79.5790, 48.5216, -69.7908



Tritanopia

99.3040, 2.3151, 4.1184

Trichromacy



Original Color

100.2340, 42.2826, 18.2118

Protanomaly

86.5690, 53.9495, -37.3330

Deuteranomaly

87.2070, 46.2399, -37.8925

Tritanomaly

99.8220, 16.8498, 8.9261

Monochromacy



Original Color

100.2340, 42.2826, 18.2118

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0560, 15.2554, 6.9669

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2340, 42.2826, 18.2118 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(121, 73, 186)` looks like.

```
.text, #text, p{  
    color:rgb(121, 73, 186)  
}
```

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(121, 73, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 73, 186) }
```

Border

The CSS property to change the border of an element to YUV 100.2340, 42.2826, 18.2118 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(121, 73, 186) }
```


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

```
.border{ border-color:rgb(121, 73, 186) }
```

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

Here you see how a box with a 4 pixel rgb(121, 73, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 73, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 73, 186);  
box-shadow:4px 4px 4px 4px rgb(121, 73,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 100.2340, 42.2826, 18.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 73, 186) }
```

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

```
.background{ background-color: rgb(121, 73,  
186) }
```

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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