

Converting Colors

YUV(142.9530, 38.4772,
25.4742)

Have a look what the booklet for
YUV(142.9530, 38.4772, 25.4742)
contains.

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Color

**YUV(142.9530, 38.4772,
25.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	AC71DD
RGB	172, 113, 221
RGB Percent	67%, 44%, 87%
CMY	0.3255, 0.5569, 0.1333
CMYK	0.22, 0.49, 0.00, 0.13
HSL	273°, 61%, 65%
HSV	273°, 49%, 87%
XYZ	35.9695, 25.8014, 71.4910
YIQ	142.9530, 0.4960, 46.0960

Conversions

Conversions Part 2

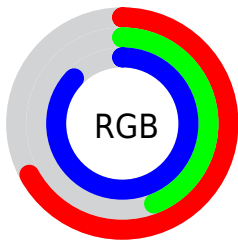
Format	Color
RYB	172, 113, 221
Decimal	11301341
CIELab	57.85, 43.35, -46.51
CIELCh	58, 63.578, 312.989
Yxy	25.8014, 0.2699, 0.1936
Android (android.graphics.Color)	4289491421 (0xFFAC71DD)
YUV	142.9530, 38.4772, 25.4742
Hunter-Lab	50.7950, 37.5100, -47.8906

Details

The YUV color $142.9530, 38.4772, 25.4742$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $191.0470, -38.4772, -25.4742$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.9830, 29.5884, 29.8329$, and $90.7740, 36.5934, 23.0002$ is the 20% darker color. If you saturate the color by 10%, you get $127.0490, 46.3178, 30.6520$, and if you desaturate by 10%, it is $158.8570, 30.6365, 20.2964$.

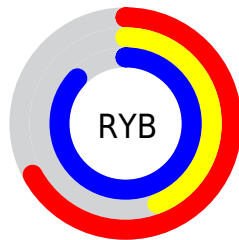
Distribution



Red (67%)

Green (44%)

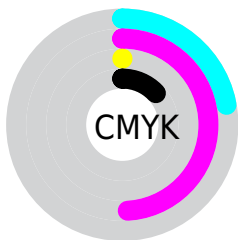
Blue (87%)



Red (67%)

Yellow (44%)

Blue (87%)

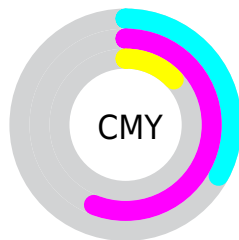


Cyan (22%)

Magenta (49%)

Yellow (0%)

Black (13%)



Cyan (33%)


Magenta (56%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.9530, 38.4772, 25.4742 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 142.9530, 38.4772, 25.4742 by changing the saturation by 10% instead.


 142.9530, 38.4772,
25.4742


 142.9530, 38.4772,
25.4742


255.0000, 0.0000,
0.0000

 116.1270, 37.8984,
24.4446


 194.9830, 29.5884,
29.8329


 90.7740, 36.5934,
23.0002


 219.1930, 17.6529,
31.4027


 65.0620, 36.4514,
21.8706

 235.6290, 9.5499,
16.9884

 37.8880, 37.0302,
22.9002

 252.6520, 1.1576,
2.0592

 20.6820, 32.6948,
13.4339

 10.5850, 26.3336,
0.3640

 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 142.9530, 38.4772,
25.4742

■ 142.9530, 38.4772,
25.4742

■ 127.0490, 46.3178,
30.6520

■ 158.8570, 30.6365,
20.2964

■ 111.1450, 54.1585,
35.8298

■ 174.7610, 22.7958,
15.1186

■ 95.2410, 61.9992,
41.0076

■ 190.6650, 14.9552,
9.9408

■ 79.3370, 69.8399,
46.1855

■ 206.5690, 7.1145,
4.7630

63.4330, 77.6805,
51.3633

223.0600, -1.0156,
-0.9296

61.3730, 78.6961,
52.2929

238.9640, -8.8563,
-6.1074

247.2370,
-12.9348, -4.5928

250.2270,
-14.4089, 1.5549

251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



127.5280, 59.3927, -56.5911



142.9530, 38.4772, 25.4742



138.6420, 16.9385, 73.9820

Triad

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



142.9530, 38.4772, 25.4742



132.8350, -56.6137, 51.8877



115.3230, 23.0118, -101.1383

Complementary

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



142.9530, 38.4772, 25.4742



191.0470, -38.4772, -25.4742

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.



107.5370, -1.7437, -94.3099



142.9530, 38.4772, 25.4742



127.5840, -62.8989, 14.3968

Square

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



142.9530, 38.4772, 25.4742



134.2710, -34.1506, 80.4463



121.1920, -35.0977, -36.1254



120.0770, 46.3040, -105.3075

Rectangle

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



142.9530, 38.4772, 25.4742



134.5010, 0.7390, 89.8916



121.1920, -35.0977, -36.1254



113.1570, 14.7126, -99.2387

Sweetspot

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



142.9530, 38.4772, 25.4742



227.6110, 13.5028, 9.1112



154.6620, 32.7046, -36.5376



111.2100, 8.2775, 5.0778



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



142.9530, 38.4772, 25.4742



146.6180, 53.4323, 35.4150



157.1480, 29.5070, 55.9982



102.0480, 3.9203, 2.5889



48.1270, 61.5624, 41.1076



12.7190, 16.4075, 10.7704

Inverse Universe

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



150.8780, 5.4831, 61.4970



157.6020, 7.5912, 85.4180



176.8520, -29.5070, -55.9982



102.8590, 0.5625, 6.2627



60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 142.9530, 38.4772, 25.4742 looks on a white background.

Color Contrast Check

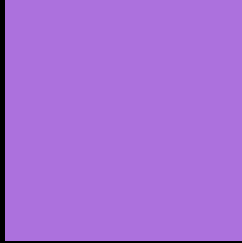
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 142.9530, 38.4772, 25.4742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

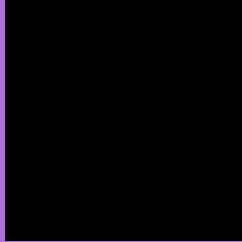
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.9530, 38.4772, 25.4742

Background



This preview shows how black text looks on a background with the YUV color 142.9530, 38.4772, 25.4742.



This preview shows how white text looks on a background with the YUV color 142.9530, 38.4772,

25.4742.

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

142.9530, 38.4772, 25.4742

Protanopia

134.9280, 52.7865, -37.6479

Deuteranopia

136.1170, 39.3823, -31.6746



Tritanopia

141.2130, 0.3880, 15.5992

Trichromacy



Original Color

142.9530, 38.4772, 25.4742



Protanomaly

137.9910, 47.3324, -14.9011



Deuteranomaly

138.8360, 39.0279, -11.2572



Tritanomaly

141.9050, 14.3438, 19.3773

Monochromacy



Original Color

142.9530, 38.4772, 25.4742



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

143.0240, 13.7922, 9.6260

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9530, 38.4772, 25.4742 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(172, 113, 221)` looks like.

```
.text, #text, p{  
    color:rgb(172, 113, 221)  
}
```

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(172, 113, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 113, 221) }
```

Border

The CSS property to change the border of an element to YUV 142.9530, 38.4772, 25.4742 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(172, 113, 221) }
```


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

```
.border{ border-color:rgb(172, 113, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 113, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 113, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 113, 221);  
box-shadow:4px 4px 4px 4px rgb(172, 113,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 142.9530, 38.4772, 25.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 113, 221) }
```

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

```
.background{ background-color: rgb(172,  
113, 221) }
```

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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