

Converting Colors

YUV(142.9130, 25.6789,
23.7553)

Have a look what the booklet for
YUV(142.9130, 25.6789, 23.7553)
contains.

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Color

**YUV(142.9130, 25.6789,
23.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	AA77C3
RGB	170, 119, 195
RGB Percent	67%, 47%, 76%
CMY	0.3333, 0.5333, 0.2353
CMYK	0.13, 0.39, 0.00, 0.24
HSL	280°, 39%, 62%
HSV	280°, 39%, 76%
XYZ	33.0247, 25.6798, 54.8459
YIQ	142.9130, 6.0000, 34.4480

Conversions

Conversions Part 2

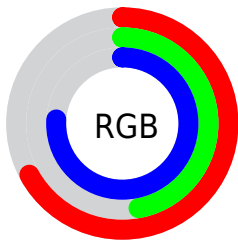
Format	Color
R _{YB}	170, 119, 195
Decimal	11171779
CIE _{Lab}	57.73, 33.70, -32.01
CIE _{LCh}	58, 46.478, 316.474
Yxy	25.6798, 0.2908, 0.2262
Android (android.graphics.Color)	4289361859 (0xFFAA77C3)
YUV	142.9130, 25.6789, 23.7553
Hunter-Lab	50.6753, 27.6455, -28.6969

Details

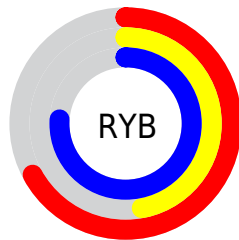
The YUV color **142.9130, 25.6789, 23.7553** is a light color, and the websafe version is hex **996699**. A complement of this color would be **171.0870, -25.6789, -23.7553**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2660, 26.9839, 25.1997**, and **91.2610, 24.5213, 21.6961** is the 20% darker color. If you saturate the color by 10%, you get **129.3790, 32.3512, 30.3626**, and if you desaturate by 10%, it is **156.4470, 19.0066, 17.1480**.

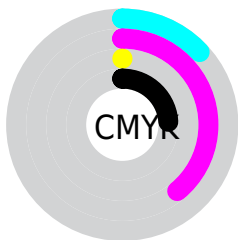
Distribution



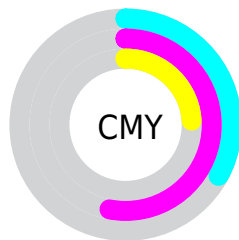
- Red (67%)
- Green (47%)
- Blue (76%)



- Red (67%)
- Yellow (47%)
- Blue (76%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (24%)





- Cyan (33%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.9130, 25.6789, 23.7553 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 142.9130, 25.6789, 23.7553 by changing the saturation by 10% instead.


 142.9130, 25.6789,
23.7553


 142.9130, 25.6789,
23.7553


255.0000, 0.0000,
0.0000


 117.0870, 25.1001,
22.7257


 197.2660, 26.9839,
25.1997


 91.2610, 24.5213,
21.6961


 222.7150, 15.9165,
28.3139

 66.7340, 23.7951,
21.2813

 239.1510, 7.8136,
13.8996

 42.9080, 23.2164,
20.2517

 19.7830, 22.7850,
18.6073

 10.9960, 16.2710,
7.8965

 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 142.9130, 25.6789,
23.7553

■ 142.9130, 25.6789,
23.7553

■ 129.3790, 32.3512,
30.3626

■ 156.4470, 19.0066,
17.1480

■ 116.1330, 38.8814,
35.8404

■ 169.6930, 12.4764,
11.6702

■ 103.1860, 45.2643,
41.9329

■ 183.2270, 5.8041,
5.0629

■ 89.3530, 52.0840,
47.9254

■ 196.4730, -0.7262,
-0.4148

■ 75.8190, 58.7562,
54.5327

■ 210.0070, -7.3985,
-7.0221

62.8720, 65.1391,
60.6253

222.9540,
-13.7813, -13.1147

61.3990, 65.8653,
61.0401

236.2000,
-20.3116, -18.5924

237.9940,
-21.1960, -14.9037

240.0870,
-22.2279, -10.6003

Harmonies

Analogous

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



136.8730, 39.5026, -23.5676



142.9130, 25.6789, 23.7553



141.3440, 8.7044, 54.9493

Triad

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



142.9130, 25.6789, 23.7553



136.1440, -38.5250, 36.7077



111.5730, 23.8745, -97.8495

Complementary

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



142.9130, 25.6789, 23.7553



171.0870, -25.6789, -23.7553

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.



106.1980, 5.8184, -93.1356



142.9130, 25.6789, 23.7553



132.2990, -37.1224, 6.7538

Square

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



142.9130, 25.6789, 23.7553



137.7350, -27.9704, 58.1144



127.0370, -23.1892, -28.9734



114.0300, 40.9042, -100.0043

Rectangle

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



142.9130, 25.6789, 23.7553



139.3810, -4.1318, 65.4409



127.0370, -23.1892, -28.9734



110.0910, 18.1961, -96.5498

Sweetspot

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



142.9130, 25.6789, 23.7553



231.4000, 10.1558, 9.2962



142.3390, 25.9619, -20.4683



115.6400, 6.0935, 5.5777



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.



142.9130, 25.6789, 23.7553



171.0730, 39.8970, 36.7700



148.9060, 16.3153, 40.4244



90.2330, 3.3361, 3.3037



50.6460, 54.4045, 50.2995



10.3400, 11.1714, 10.2258

Inverse Universe

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



144.5740, -0.2830, 44.2236



173.7280, -0.3589, 68.6445



165.0940, -16.3153, -40.4244



90.3320, -0.1637, 5.8478



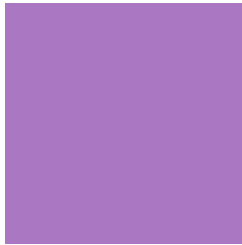
54.1810, -0.5822, 93.6803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 142.9130, 25.6789, 23.7553 looks on a white background.

Color Contrast Check

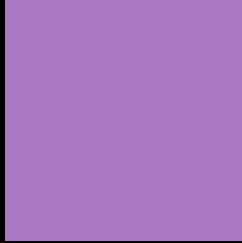
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.9130, 25.6789, 23.7553 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 142.9130, 25.6789, 23.7553

Background



This preview shows how black text looks on a background with the YUV color 142.9130, 25.6789, 23.7553.



This preview shows how white text looks on a background with the YUV color 142.9130, 25.6789,

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

142.9130, 25.6789, 23.7553

Protanopia

138.3310, 34.8398, -21.3383

Deuteranopia

138.6710, 25.7982, -14.6205



Tritanopia

141.4090, -0.2016, 18.0583

Trichromacy



Original Color

142.9130, 25.6789, 23.7553

Protanomaly

139.6320, 31.7334, -4.9393

Deuteranomaly

139.7590, 25.7548, -0.6656

Tritanomaly

142.2380, 9.2497, 19.9623

Monochromacy



Original Color

142.9130, 25.6789, 23.7553

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8730, 9.4296, 8.8814

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9130, 25.6789, 23.7553 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(170, 119, 195)` looks like.

```
.text, #text, p{  
    color:rgb(170, 119, 195)  
}
```

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(170, 119, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 195) }
```

Border

The CSS property to change the border of an element to YUV 142.9130, 25.6789, 23.7553 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(170, 119, 195) }
```


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

```
.border{ border-color:rgb(170, 119, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 119, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 119, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 119, 195);  
box-shadow:4px 4px 4px 4px rgb(170, 119,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 142.9130, 25.6789, 23.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 119, 195) }
```

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

```
.background{ background-color: rgb(170,  
119, 195) }
```

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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