

Converting Colors

YUV(154.2770, 23.5274,
13.7891)

Have a look what the booklet for
YUV(154.2770, 23.5274, 13.7891)
contains.

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Color

**YUV(154.2770, 23.5274,
13.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	AA89CA
RGB	170, 137, 202
RGB Percent	67%, 54%, 79%
CMY	0.3333, 0.4627, 0.2078
CMYK	0.16, 0.32, 0.00, 0.21
HSL	270°, 38%, 66%
HSV	270°, 32%, 79%
XYZ	36.1839, 30.7016, 59.8960
YIQ	154.2770, -1.1970, 27.2110

Conversions

Conversions Part 2

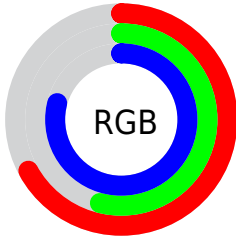
Format	Color
R _Y B	170, 137, 202
Decimal	11176394
CIE Lab	62.25, 25.07, -28.95
CIE LCh	62, 38.299, 310.893
Yxy	30.7016, 0.2854, 0.2422
Android (android.graphics.Color)	4289366474 (0xFFAA89CA)
YUV	154.2770, 23.5274, 13.7891
Hunter-Lab	55.4091, 19.6004, -25.3049

Details

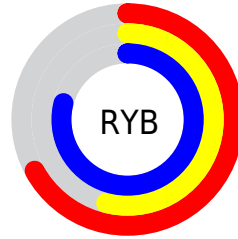
The YUV color **154.2770, 23.5274, 13.7891** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.7230, -23.5274, -13.7891**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7610, 22.7958, 15.1186**, and **102.9240, 22.2225, 12.3447** is the 20% darker color. If you saturate the color by 10%, you get **139.5470, 30.7893, 17.9373**, and if you desaturate by 10%, it is **169.0070, 16.2655, 9.6409**.

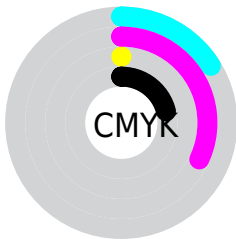
Distribution



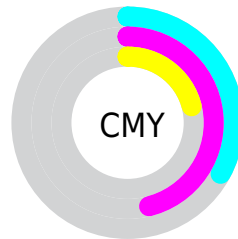
- Red (67%)
- Green (54%)
- Blue (79%)



- Red (67%)
- Yellow (54%)
- Blue (79%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (21%)





- Cyan (33%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2770, 23.5274, 13.7891 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 154.2770, 23.5274, 13.7891 by changing the saturation by 10% instead.


 154.2770, 23.5274,
13.7891


 154.2770, 23.5274,
13.7891


255.0000, 0.0000,
0.0000

 127.7500, 22.8013,
13.3743


 208.7610, 22.7958,
15.1186


 102.9240, 22.2225,
12.3447


 233.8680, 10.4181,
18.5328

 78.0980, 21.6437,
11.3151

 250.3040, 2.3151,
4.1184

 54.5710, 20.9175,
10.9002

 32.3320, 20.0493,
9.3558

 12.5770, 18.4495,
9.1410

 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 154.2770, 23.5274,
13.7891

■ 154.2770, 23.5274,
13.7891

■ 139.5470, 30.7893,
17.9373

■ 169.0070, 16.2655,
9.6409

■ 124.8170, 38.0512,
22.0855

■ 183.7370, 9.0037,
5.4927

■ 109.5000, 45.6025,
26.7485

■ 199.0540, 1.4524,
0.8296

■ 94.7700, 52.8644,
30.8967

■ 213.7840, -5.8095,
-3.3186

■ 80.0400, 60.1263,
35.0449

■ 228.5140,
-13.0714, -7.4668

65.3100, 67.3882,
39.1931

241.4830,
-19.4651, -10.0706

53.8250, 73.0503,
43.1265

244.4730,
-20.9392, -3.9228

247.4630,
-22.4133, 2.2249

248.9580,
-23.1503, 5.2988

Harmonies

Analogous

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



148.6680, 33.6877, -25.1418



154.2770, 23.5274, 13.7891



154.4950, 9.6160, 42.5389

Triad

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



154.2770, 23.5274, 13.7891



149.3810, -31.2468, 35.6229



117.0840, 22.1436, -102.6827

Complementary

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



154.2770, 23.5274, 13.7891



184.7230, -23.5274, -13.7891

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.



135.8290, -4.3527, -50.7160



154.2770, 23.5274, 13.7891



146.4120, -31.7551, 11.9167

Square

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



154.2770, 23.5274, 13.7891



151.7110, -21.5495, 51.9965



142.4560, -21.9168, -17.0629



119.5580, 36.6999, -104.8524

Rectangle

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



154.2770, 23.5274, 13.7891



153.4010, -1.1837, 53.1453



142.4560, -21.9168, -17.0629



126.4800, 11.5954, -79.3510

Sweetspot

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



154.2770, 23.5274, 13.7891



236.4380, 9.1511, 4.8779



163.7810, 18.8420, -23.4869



116.2160, 5.8095, 3.3186



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.



154.2770, 23.5274, 13.7891



182.2360, 35.8727, 20.8410



163.8450, 18.8104, 33.4619



94.6350, 3.6309, 2.0741



44.0400, 60.1263, 35.0449



10.0130, 13.7976, 7.8816

Inverse Universe

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



160.0830, 4.3961, 36.7612



191.1870, 6.8098, 55.9640



175.1550, -18.8104, -33.4619



95.5600, 0.7099, 5.6479



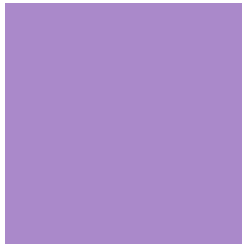
58.9820, 11.3479, 93.8548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 154.2770, 23.5274, 13.7891 looks on a white background.

Color Contrast Check

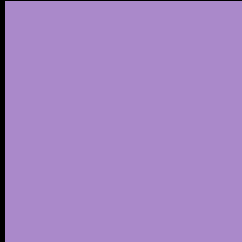
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 154.2770, 23.5274, 13.7891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

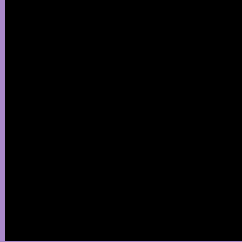
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.2770, 23.5274, 13.7891 Background



This preview shows how black text looks on a background with the YUV color 154.2770, 23.5274, 13.7891.



This preview shows how white text looks on a background with the YUV color 154.2770, 23.5274, 13.7891.

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

154.2770, 23.5274, 13.7891

Protanopia

150.9850, 29.5874, -16.6498

Deuteranopia

150.9380, 24.1876, -11.3466



Tritanopia

152.3370, 2.2989, 9.3515

Trichromacy



Original Color

154.2770, 23.5274, 13.7891

Protanomaly

152.4810, 27.3709, -5.6838

Deuteranomaly

152.2920, 24.0130, -2.0101

Tritanomaly

153.2970, 9.7136, 11.1405

Monochromacy



Original Color

154.2770, 23.5274, 13.7891

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2100, 8.2775, 5.0778

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2770, 23.5274, 13.7891 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, 137, 202)` looks like.

```
.text, #text, p{  
    color:rgb(170, 137, 202)  
}
```

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, 137, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 137, 202) }
```

Border

The CSS property to change the border of an element to YUV 154.2770, 23.5274, 13.7891 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, 137, 202) }
```


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

```
.border{ border-color:rgb(170, 137, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 137, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 137, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 137, 202);  
box-shadow:4px 4px 4px 4px rgb(170, 137,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 154.2770, 23.5274, 13.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 137, 202) }
```

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

```
.background{ background-color: rgb(170,  
137, 202) }
```

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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