

Converting Colors

YUV(154.2600, 29.4518,
26.9590)

Have a look what the booklet for
YUV(154.2600, 29.4518, 26.9590)
contains.

YUV(154.2600, 29.4518, 26.9590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.2600, 29.4518,
26.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	B97FD6
RGB	185, 127, 214
RGB Percent	73%, 50%, 84%
CMY	0.2745, 0.5020, 0.1608
CMYK	0.14, 0.41, 0.00, 0.16
HSL	280°, 51%, 67%
HSV	280°, 41%, 84%
XYZ	39.7346, 30.3481, 67.3819
YIQ	154.2600, 6.6410, 39.3530

Conversions

Conversions Part 2

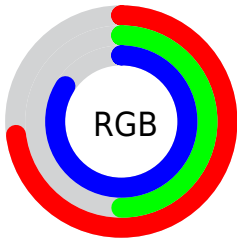
Format	Color
R_{YB}	185, 127, 214
Decimal	12156886
CIE _{Lab}	61.95, 37.86, -36.03
CIE _{LCh}	62, 52.264, 316.415
Yxy	30.3481, 0.2891, 0.2208
Android (android.graphics.Color)	4290346966 (0xFFB97FD6)
YUV	154.2600, 29.4518, 26.9590
Hunter-Lab	55.0891, 32.3423, -33.9578

Details

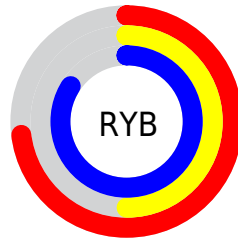
The YUV color **154.2600, 29.4518, 26.9590** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **186.7400, -29.4518, -26.9590**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6750, 23.3312, 30.1030**, and **101.6080, 28.2943, 24.8998** is the 20% darker color. If you saturate the color by 10%, you get **139.8400, 36.5609, 33.4663**, and if you desaturate by 10%, it is **168.6800, 22.3428, 20.4516**.

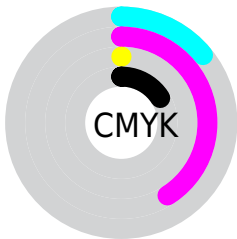
Distribution



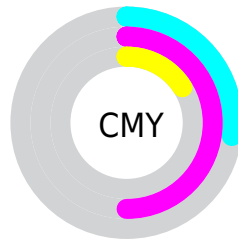
- Red (73%)
- Green (50%)
- Blue (84%)



- Red (73%)
- Yellow (50%)
- Blue (84%)



- Cyan (14%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)





- Cyan (27%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2600, 29.4518, 26.9590 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 154.2600, 29.4518, 26.9590 by changing the saturation by 10% instead.


 154.2600, 29.4518,
26.9590


 154.2600, 29.4518,
26.9590


255.0000, 0.0000,
0.0000


 127.4340, 28.8730,
25.9294

 207.6750, 23.3312,
30.1030


 101.6080, 28.2943,
24.8998


 227.9980, 13.3120,
23.6808

 76.6680, 27.2787,
23.9702

 244.4340, 5.2090,
9.2664

 51.9560, 27.1367,
22.8406

 25.7820, 27.7155,
23.8702

 15.9950, 21.2015,
13.1594

 4.1040, 15.7247,

-3.5992

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 154.2600, 29.4518,
26.9590

■ 154.2600, 29.4518,
26.9590

■ 139.8400, 36.5609,
33.4663

■ 168.6800, 22.3428,
20.4516

■ 124.8330, 43.9593,
40.4885

■ 183.6870, 14.9443,
13.4295

■ 110.4130, 51.0684,
46.9958

■ 198.1070, 7.8352,
6.9222

■ 95.1070, 58.6142,
53.4032

■ 213.4130, 0.2894,
0.5148

80.6870, 65.7233,
59.9105

227.8330, -6.8197,
-5.9925

67.1530, 72.3956,
66.5178

242.2530,
-13.9287, -12.4999

244.3460,
-14.9606, -8.1964

246.4390,
-15.9924, -3.8930

248.5320,
-17.0243, 0.4104

Harmonies

Analogous

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



147.3330, 45.1918, -28.3560



154.2600, 29.4518, 26.9590



152.4420, 10.1351, 62.7564

Triad

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



154.2600, 29.4518, 26.9590



146.2710, -44.5036, 40.9813



121.3870, 25.9382, -106.4564

Complementary

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



154.2600, 29.4518, 26.9590



186.7400, -29.4518, -26.9590

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.



114.7410, 5.5507, -100.6279



154.2600, 29.4518, 26.9590



142.4040, -43.0902, 7.5387

Square

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



154.2600, 29.4518, 26.9590



147.8670, -31.4864, 65.8916



136.2060, -26.2306, -33.5067



123.8270, 45.4413, -108.5963

Rectangle

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



154.2600, 29.4518, 26.9590



149.8490, -3.8696, 74.6774



136.2060, -26.2306, -33.5067



119.6770, 19.3862, -104.9567

Sweetspot

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



154.2600, 29.4518, 26.9590



233.8130, 10.4452, 9.8110



153.9410, 29.6091, -23.6273



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.



154.2600, 29.4518, 26.9590



169.0670, 42.3650, 38.5292



161.4490, 19.4986, 46.0872



99.6460, 3.6255, 3.8185



53.5800, 57.8881, 52.9883



13.5730, 14.5075, 13.5295

Inverse Universe

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



156.3190, -0.1573, 50.5862



172.1630, -0.0804, 72.6480



179.5510, -19.4986, -46.0872



99.7450, 0.1257, 6.3626



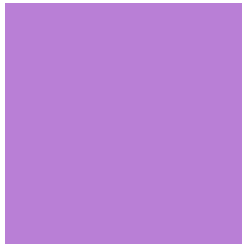
57.6270, -0.3091, 99.4281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 154.2600, 29.4518, 26.9590 looks on a white background.

Color Contrast Check

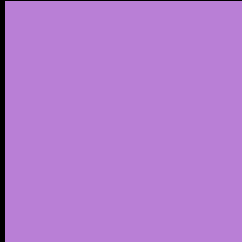
Large Text (above 18pt) WCAG AA × Fail

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 154.2600, 29.4518, 26.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

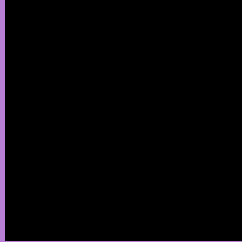
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.2600, 29.4518, 26.9590

Background



This preview shows how black text looks on a background with the YUV color 154.2600, 29.4518, 26.9590.



This preview shows how white text looks on a background with the YUV color 154.2600, 29.4518,

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

154.2600, 29.4518, 26.9590

Protanopia

148.5030, 40.6710, -24.9971

Deuteranopia

149.3870, 29.8822, -17.8794



Tritanopia

152.3060, -0.6439, 19.9026

Trichromacy



Original Color

154.2600, 29.4518, 26.9590



Protanomaly

150.8860, 36.5382, -6.0390



Deuteranomaly

150.7850, 29.6860, -1.5654



Tritanomaly

153.1890, 10.2598, 22.6362

Monochromacy



Original Color

154.2600, 29.4518, 26.9590



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9270, 10.8820, 9.7110

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2600, 29.4518, 26.9590 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(185, 127, 214)` looks like.

```
.text, #text, p{  
    color:rgb(185, 127, 214)  
}
```

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(185, 127, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 127, 214) }
```

Border

The CSS property to change the border of an element to YUV 154.2600, 29.4518, 26.9590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

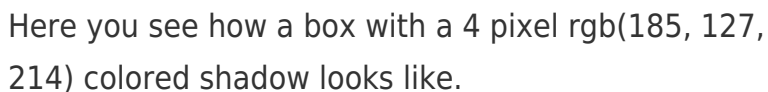
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 127, 214) }
```


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

```
.border{ border-color:rgb(185, 127, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 127, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 127, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 127, 214);  
box-shadow:4px 4px 4px 4px rgb(185, 127,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 154.2600, 29.4518, 26.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 127, 214) }
```

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

```
.background{ background-color: rgb(185,  
127, 214) }
```

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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