

Converting Colors

YUV(102.5220, 25.3787,
26.7292)

Have a look what the booklet for
YUV(102.5220, 25.3787, 26.7292)
contains.

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Color

**YUV(102.5220, 25.3787,
26.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	854D9A
RGB	133, 77, 154
RGB Percent	52%, 30%, 60%
CMY	0.4784, 0.6980, 0.3961
CMYK	0.14, 0.50, 0.00, 0.40
HSL	284°, 33%, 45%
HSV	284°, 50%, 60%
XYZ	18.1595, 12.6274, 32.0521
YIQ	102.5220, 8.6590, 35.8190

Conversions

Conversions Part 2

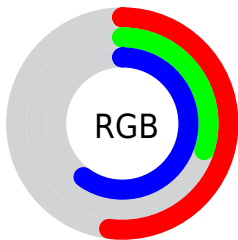
Format	Color
R_{YB}	133, 77, 154
Decimal	8736154
CIE _{Lab}	42.20, 37.13, -32.71
CIE _{LCh}	42, 49.481, 318.626
Yxy	12.6274, 0.2890, 0.2009
Android (android.graphics.Color)	4286926234 (0xFF854D9A)
YUV	102.5220, 25.3787, 26.7292
Hunter-Lab	35.5350, 29.0325, -28.6041

Details

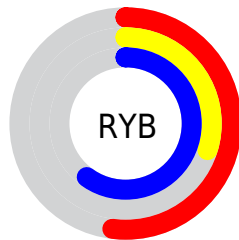
The YUV color $[102.5220, 25.3787, 26.7292]$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $[128.4780, -25.3787, -26.7292]$, and the grayscale version is $[102.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[155.1740, 26.5362, 28.7884]$, and $[52.2830, 24.5105, 25.1848]$ is the 20% darker color. If you saturate the color by 10%, you get $[92.5210, 30.3091, 31.9921]$, and if you desaturate by 10%, it is $[112.5230, 20.4482, 21.4663]$.

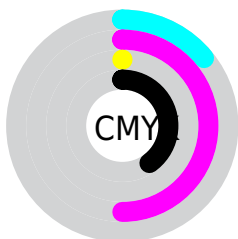
Distribution



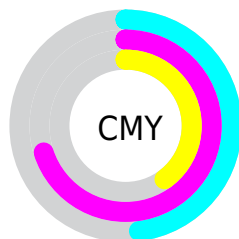
- Red (52%)
- Green (30%)
- Blue (60%)



- Red (52%)
- Yellow (30%)
- Blue (60%)



- Cyan (14%)
- Magenta (50%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5220, 25.3787, 26.7292 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 102.5220, 25.3787, 26.7292 by changing the saturation by 10% instead.

■ 102.5220, 25.3787,
26.7292

■ 102.5220, 25.3787,
26.7292

■ 255.0000, 0.0000,
0.0000

■ 77.6960, 24.7999,
25.6996

■ 155.1740, 26.5362,
28.7884

■ 52.2830, 24.5105,
25.1848

■ 182.0000, 27.1150,
29.8180

■ 26.8100, 25.2367,
25.5996

■ 209.1590, 22.5996,
31.4326

■ 16.7350, 18.8646,
16.0184

■ 228.5850, 13.0226,
23.1660

■ 3.7620, 14.4143,
-3.2993

■ 245.0210, 4.9196,
8.7516

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 102.5220, 25.3787,
26.7292

■ 102.5220, 25.3787,
26.7292

■ 92.5210, 30.3091,
31.9921

■ 112.5230, 20.4482,
21.4663

■ 81.9330, 35.5290,
37.7698

■ 123.1110, 15.2283,
15.6887

■ 71.6330, 40.6069,
42.4179

■ 133.4110, 10.1504,
11.0406

■ 61.0450, 45.8268,
48.1955

■ 143.9990, 4.9305,
5.2629

■ 51.0440, 50.7573,
53.4584

■ 154.0000, 0.0000,
0.0000

■ 164.0010, -4.9305,
-5.2629

■ 174.5890,
-10.1504, -11.0406

■ 184.8890,
-15.2283, -15.6887

■ 195.4770,
-20.4482, -21.4663

Harmonies

Analogous

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



95.9760, 39.9448, -25.4120



102.5220, 25.3787, 26.7292



98.4800, 9.1304, 58.3380

Triad

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



102.5220, 25.3787, 26.7292



94.1560, -43.4609, 33.1892



83.9890, 19.7254, -73.6584

Complementary

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



102.5220, 25.3787, 26.7292



128.4780, -25.3787, -26.7292

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.



78.6140, 1.6693, -68.9445



102.5220, 25.3787, 26.7292



90.7240, -41.7689, 3.7501

Square

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



102.5220, 25.3787, 26.7292



96.3110, -28.2543, 55.8553



84.8620, -21.1310, -35.8360



86.3320, 36.3183, -75.7132

Rectangle

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



102.5220, 25.3787, 26.7292



95.6200, -3.2637, 66.9853



84.8620, -21.1310, -35.8360



82.5070, 14.0470, -72.3586

Sweetspot

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



102.5220, 25.3787, 26.7292



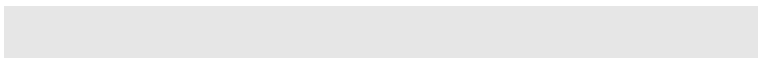
180.9980, 9.8610, 10.5258



98.6920, 27.2668, -19.0239



89.9390, 5.9461, 6.1925



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



102.5220, 25.3787, 26.7292



120.6930, 39.5914, 41.4882



106.8630, 14.8575, 41.3391



71.4070, 2.7573, 2.2741



46.4580, 46.1162, 48.7103



4.1730, 4.3517, 4.2333

Inverse Universe

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



102.4170, -2.1776, 45.2383



120.6420, -3.2745, 70.4740



124.1370, -14.8575, -41.3391



71.6200, -0.3057, 4.7183



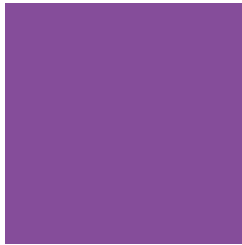
46.1920, -4.0387, 82.2696



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 102.5220, 25.3787, 26.7292 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 102.5220, 25.3787, 26.7292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

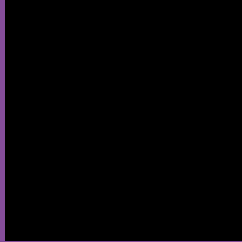
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.5220, 25.3787, 26.7292

Background



This preview shows how black text looks on a background with the YUV color 102.5220, 25.3787, 26.7292.



This preview shows how white text looks on a background with the YUV color 102.5220, 25.3787,

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

102.5220, 25.3787, 26.7292

Protanopia

97.2810, 37.3295, -26.5564

Deuteranopia

98.2360, 25.5197, -18.6240



Tritanopia

101.9640, -1.9543, 20.2026

Trichromacy



Original Color

102.5220, 25.3787, 26.7292

Protanomaly

98.9630, 33.0492, -6.9836

Deuteranomaly

99.6340, 25.3234, -2.3100

Tritanomaly

102.2060, 7.7864, 22.6213

Monochromacy



Original Color

102.5220, 25.3787, 26.7292

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1720, 9.2822, 9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5220, 25.3787, 26.7292 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(133, 77, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 77, 154)  
}
```

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(133, 77, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 77, 154) }
```

Border

The CSS property to change the border of an element to YUV 102.5220, 25.3787, 26.7292 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(133, 77, 154) }
```


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

```
.border{ border-color:rgb(133, 77, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 77, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 77, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 77, 154);  
box-shadow:4px 4px 4px 4px rgb(133, 77,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 102.5220, 25.3787, 26.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 77, 154) }
```

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

```
.background{ background-color: rgb(133, 77,  
154) }
```

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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