

Converting Colors

YUV(128.2540, 28.4688,
15.5632)

Have a look what the booklet for
YUV(128.2540, 28.4688, 15.5632)
contains.

YUV(128.2540, 28.4688, 15.5632)	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(128.2540, 28.4688,
15.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	926CBA
RGB	146, 108, 186
RGB Percent	57%, 42%, 73%
CMY	0.4275, 0.5765, 0.2706
CMYK	0.22, 0.42, 0.00, 0.27
HSL	269°, 36%, 58%
HSV	269°, 42%, 73%
XYZ	26.0795, 20.3813, 49.0138
YIQ	128.2540, -2.3900, 32.3140

Conversions

Conversions Part 2

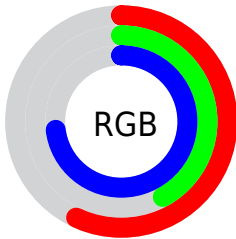
Format	Color
R _Y B	146, 108, 186
Decimal	9596090
CIE Lab	52.27, 30.66, -35.58
CIE LCh	52, 46.966, 310.750
Yxy	20.3813, 0.2732, 0.2135
Android (android.graphics.Color)	4287786170 (0xFF926CBA)
YUV	128.2540, 28.4688, 15.5632
Hunter-Lab	45.1456, 24.1103, -32.7681

Details

The YUV color $128.2540, 28.4688, 15.5632$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $165.7460, -28.4688, -15.5632$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.6070, 29.7737, 17.0077$, and $77.4880, 26.8744, 13.6040$ is the 20% darker color. If you saturate the color by 10%, you get $114.1110, 35.4413, 19.1967$, and if you desaturate by 10%, it is $142.3970, 21.4963, 11.9298$.

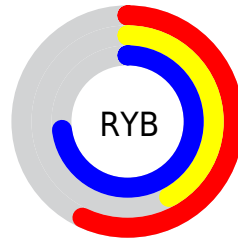
Distribution



Red (57%)

Green (42%)

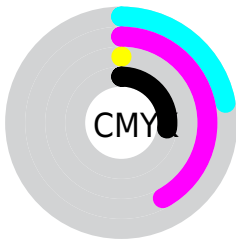
Blue (73%)



Red (57%)

Yellow (42%)

Blue (73%)

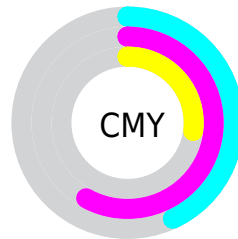


Cyan (22%)

Magenta (42%)

Yellow (0%)

Black (27%)



Cyan (43%)


Magenta (58%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.2540, 28.4688, 15.5632 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 128.2540, 28.4688, 15.5632 by changing the saturation by 10% instead.


 128.2540, 28.4688,
15.5632


 128.2540, 28.4688,
15.5632


255.0000, 0.0000,
0.0000


 102.4280, 27.8900,
14.5336


 181.6070, 29.7737,
17.0077

 77.4880, 26.8744,
13.6040


 207.6090, 23.3638,
19.6369


 54.2490, 26.0062,
12.0596

 231.5200, 11.5756,
20.5920

 30.4230, 25.4275,
11.0300

 248.5430, 3.1833,
5.6628

 13.3040, 22.5281,
7.6264

 5.2780, 15.1459,
-4.6288

 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 128.2540, 28.4688,
15.5632

■ 128.2540, 28.4688,
15.5632

■ 114.1110, 35.4413,
19.1967

■ 142.3970, 21.4963,
11.9298

■ 100.8540, 41.9770,
22.9300

■ 155.6540, 14.9606,
8.1964

■ 86.7110, 48.9495,
26.5635

■ 169.7970, 7.9881,
4.5630

■ 73.4540, 55.4852,
30.2968

■ 183.0540, 1.4524,
0.8296

■ 59.3110, 62.4577,
33.9303

■ 197.1970, -5.5201,
-2.8038

■ 48.4130, 67.8304,
37.3488

■ 211.0410,
-12.3452, -7.0520

■ 224.5970,
-19.0283, -10.1706

■ 237.2670,
-25.2746, -13.3892

■ 240.2570,
-26.7487, -7.2414

Harmonies

Analogous

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



119.0670, 41.8720, -36.8928



128.2540, 28.4688, 15.5632



127.2340, 12.2096, 50.6608

Triad

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



128.2540, 28.4688, 15.5632



121.8070, -37.3729, 40.5113



100.8470, 18.3164, -88.4428

Complementary

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



128.2540, 28.4688, 15.5632



165.7460, -28.4688, -15.5632

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.



94.9990, 0.9865, -83.3141



128.2540, 28.4688, 15.5632



118.8760, -38.8859, 12.3867

Square

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



128.2540, 28.4688, 15.5632



123.3700, -24.3394, 60.1885



113.8700, -26.5579, -21.8110



104.0050, 35.4935, -91.2124

Rectangle

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



128.2540, 28.4688, 15.5632



124.8090, 0.0942, 63.3115



113.8700, -26.5579, -21.8110



98.6640, 12.4906, -86.5283

Sweetspot

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



128.2540, 28.4688, 15.5632



219.0190, 11.3296, 6.1223



140.3720, 22.4946, -28.3902



107.8570, 6.9725, 3.6334



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



128.2540, 28.4688, 15.5632



152.4350, 44.1555, 24.1745



139.9150, 22.7199, 39.5395



85.2220, 3.3416, 1.5593



40.5080, 56.9376, 31.1265



7.3780, 10.1666, 5.8075

Inverse Universe

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



135.8820, 5.9742, 43.9535



164.2470, 9.2452, 68.1894



154.0850, -22.7199, -39.5395



86.1470, 0.4205, 5.1331



55.7640, 11.9483, 87.9070



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 128.2540, 28.4688, 15.5632 looks on a white background.

Color Contrast Check

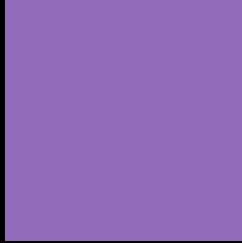
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.2540, 28.4688, 15.5632 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 128.2540, 28.4688, 15.5632

Background



This preview shows how black text looks on a background with the YUV color 128.2540, 28.4688, 15.5632.



This preview shows how white text looks on a background with the YUV color 128.2540, 28.4688, 15.5632.

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

128.2540, 28.4688, 15.5632

Protanopia

122.8900, 37.0292, -23.5825

Deuteranopia

123.8490, 29.1614, -20.0386



Tritanopia

125.9240, 2.0095, 8.8367

Trichromacy



Original Color

128.2540, 28.4688, 15.5632

Protanomaly

124.8810, 34.0757, -9.5426

Deuteranomaly

125.2250, 28.9761, -7.2133

Tritanomaly

127.0520, 11.3134, 11.3554

Monochromacy



Original Color

128.2540, 28.4688, 15.5632

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3780, 10.1666, 5.8075

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2540, 28.4688, 15.5632 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(146, 108, 186)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 186)  
}
```

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(146, 108, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 186) }
```

Border

The CSS property to change the border of an element to YUV 128.2540, 28.4688, 15.5632 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(146, 108, 186) }
```


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

```
.border{ border-color:rgb(146, 108, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 108, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 108, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 108, 186);  
box-shadow:4px 4px 4px 4px rgb(146, 108,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 128.2540, 28.4688, 15.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 186) }
```

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

```
.background{ background-color: rgb(146,  
108, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor