

Converting Colors

YUV(128.7550, 25.2638,
16.8779)

Have a look what the booklet for
YUV(128.7550, 25.2638, 16.8779)
contains.

YUV(128.7550, 25.2638, 16.8779)	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(128.7550, 25.2638,
16.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	946DB4
RGB	148, 109, 180
RGB Percent	58%, 43%, 71%
CMY	0.4196, 0.5725, 0.2941
CMYK	0.18, 0.39, 0.00, 0.29
HSL	273°, 32%, 57%
HSV	273°, 39%, 71%
XYZ	25.9196, 20.5285, 45.7763
YIQ	128.7550, 0.4530, 30.3490

Conversions

Conversions Part 2

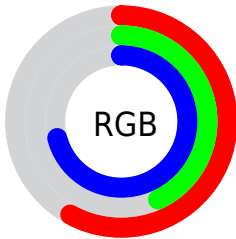
Format	Color
R _Y B	148, 109, 180
Decimal	9727412
CIE Lab	52.43, 29.29, -31.85
CIE LCh	52, 43.264, 312.602
Yxy	20.5285, 0.2810, 0.2226
Android (android.graphics.Color)	4287917492 (0xFF946DB4)
YUV	128.7550, 25.2638, 16.8779
Hunter-Lab	45.3083, 22.8251, -28.1865

Details

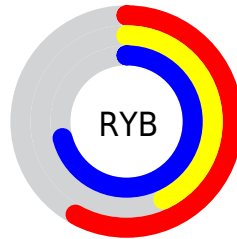
The YUV color **128.7550, 25.2638, 16.8779** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **160.2450, -25.2638, -16.8779**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1080, 26.5688, 18.3223**, and **78.4020, 23.9588, 15.4334** is the 20% darker color. If you saturate the color by 10%, you get **115.7970, 31.6521, 21.2260**, and if you desaturate by 10%, it is **141.7130, 18.8755, 12.5297**.

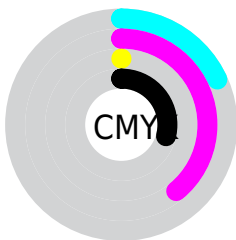
Distribution



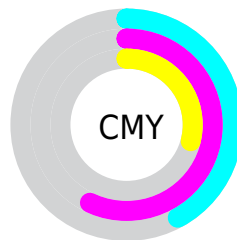
- Red (58%)
- Green (43%)
- Blue (71%)



- Red (58%)
- Yellow (43%)
- Blue (71%)



- Cyan (18%)
- Magenta (39%)
- Yellow (0%)
- Black (29%)



- Cyan (42%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7550, 25.2638, 16.8779 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 128.7550, 25.2638, 16.8779 by changing the saturation by 10% instead.

128.7550, 25.2638,
16.8779

128.7550, 25.2638,
16.8779

255.0000, 0.0000,
0.0000

103.2280, 24.5376,
16.4630

182.1080, 26.5688,
18.3223

78.4020, 23.9588,
15.4334

208.7940, 22.7796,
20.3517

55.1630, 23.0906,
13.8890

232.1070, 11.2862,
20.0772

31.3370, 22.5119,
12.8595

249.1300, 2.8939,
5.1480

13.9300, 19.7545,
10.5854

4.8220, 13.3988,
-4.2289

0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 128.7550, 25.2638,
16.8779

■ 128.7550, 25.2638,
16.8779

■ 115.7970, 31.6521,
21.2260

■ 141.7130, 18.8755,
12.5297

■ 102.8390, 38.0404,
25.5742

■ 154.6710, 12.4872,
8.1815

■ 89.8810, 44.4287,
29.9224

■ 167.6290, 6.0989,
3.8334

■ 76.9230, 50.8170,
34.2705

■ 180.5870, -0.2894,
-0.5148

■ 63.6660, 57.3527,
38.0039

■ 193.8440, -6.8251,
-4.2482

■ 50.7080, 63.7410,
42.3521

■ 206.8020,
-13.2134, -8.5964

■ 50.1210, 64.0303,
42.8669

■ 219.7600,
-19.6017, -12.9445

■ 232.7180,
-25.9900, -17.2927

■ 236.2840,
-27.7480, -13.4041

Harmonies

Analogous

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



121.9710, 37.4823, -28.9156



128.7550, 25.2638, 16.8779



127.6420, 10.0365, 47.6720

Triad

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



128.7550, 25.2638, 16.8779



122.5830, -34.3044, 36.3227



100.4880, 19.4794, -88.1280

Complementary

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



128.7550, 25.2638, 16.8779



160.2450, -25.2638, -16.8779

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.



101.5600, 0.2169, -69.7741



128.7550, 25.2638, 16.8779



119.8910, -34.9493, 9.7426

Square

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



128.7550, 25.2638, 16.8779



124.5650, -23.4495, 54.7555



115.0810, -23.2109, -21.9960



103.1900, 34.9093, -90.4976

Rectangle

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



128.7550, 25.2638, 16.8779



126.3200, -1.6368, 58.4784



115.0810, -23.2109, -21.9960



99.0060, 13.8010, -86.8283

Sweetspot

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



128.7550, 25.2638, 16.8779



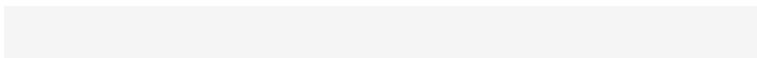
214.0900, 10.3086, 6.9371



136.4650, 21.4628, -24.0868



105.5150, 5.6621, 3.9333



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



128.7550, 25.2638, 16.8779



154.8930, 39.4928, 26.4038



138.0950, 19.6732, 36.7507



82.5210, 3.1941, 2.1741



42.5580, 54.4479, 36.3446



7.1500, 9.2931, 6.0074

Inverse Universe

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



133.8770, 3.5116, 40.4499



162.8890, 5.4777, 63.2413



150.9050, -19.6732, -36.7507



83.1470, 0.4205, 5.1331



53.6130, 7.5858, 87.1624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 128.7550, 25.2638, 16.8779 looks on a white background.

Color Contrast Check

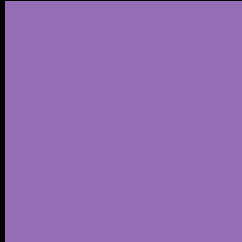
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.7550, 25.2638, 16.8779 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 128.7550, 25.2638, 16.8779

Background



This preview shows how black text looks on a background with the YUV color 128.7550, 25.2638, 16.8779.



This preview shows how white text looks on a background with the YUV color 128.7550, 25.2638,

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

128.7550, 25.2638, 16.8779

Protanopia

124.2880, 33.3820, -20.4236

Deuteranopia

124.9590, 25.6562, -15.7500



Tritanopia

127.0060, 0.9830, 11.3957

Trichromacy



Original Color

128.7550, 25.2638, 16.8779

Protanomaly

125.9800, 30.5759, -6.9985

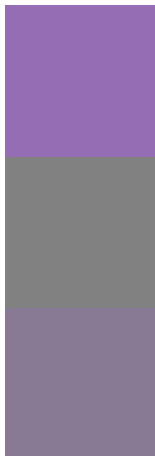
Deuteranomaly

126.6230, 25.3289, -4.0544

Tritanomaly

127.7210, 9.9975, 13.3997

Monochromacy



Original Color

128.7550, 25.2638, 16.8779

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1500, 9.2931, 6.0075

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7550, 25.2638, 16.8779 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(148, 109, 180)` looks like.

```
.text, #text, p{  
    color:rgb(148, 109, 180)  
}
```

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(148, 109, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 109, 180) }
```

Border

The CSS property to change the border of an element to YUV 128.7550, 25.2638, 16.8779 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(148, 109, 180) }
```


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

```
.border{ border-color:rgb(148, 109, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 109, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 109, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 109, 180);  
box-shadow:4px 4px 4px 4px rgb(148, 109,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 128.7550, 25.2638, 16.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 109, 180) }
```

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

```
.background{ background-color: rgb(148,  
109, 180) }
```

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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