

Converting Colors

YUV(128.7830, 2.5720, 15.0993)

Have a look what the booklet for
YUV(128.7830, 2.5720, 15.0993)
contains.

YUV(128.7830, 2.5720, 15.0993)	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(128.7830, 2.5720,
15.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	927786
RGB	146, 119, 134
RGB Percent	57%, 47%, 53%
CMY	0.4275, 0.5333, 0.4745
CMYK	0.00, 0.18, 0.08, 0.43
HSL	327°, 11%, 52%
HSV	327°, 18%, 57%
XYZ	22.7540, 21.0259, 25.4134
YIQ	128.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

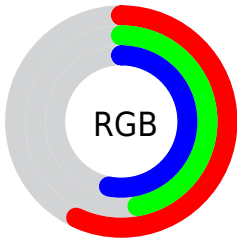
Format	Color
R_{YB}	146, 119, 134
Decimal	9598854
CIE _{Lab}	52.98, 13.14, -4.21
CIE _{LCh}	53, 13.803, 342.232
Yxy	21.0259, 0.3288, 0.3039
Android (android.graphics.Color)	4287788934 (0xFF927786)
YUV	128.7830, 2.5720, 15.0993
Hunter-Lab	45.8540, 8.3320, -0.7622

Details

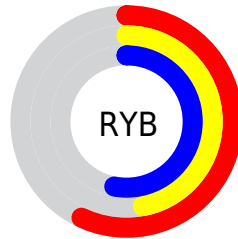
The YUV color $[128.7830, 2.5720, 15.0993]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[136.2170, -2.5720, -15.0993]$, and the grayscale version is $[129.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[181.4950, 2.7140, 16.2289]$, and $[79.0710, 2.4300, 13.9697]$ is the 20% darker color. If you saturate the color by 10%, you get $[119.2940, 4.2921, 23.4212]$, and if you desaturate by 10%, it is $[138.2720, 0.8519, 6.7775]$.

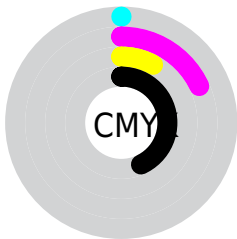
Distribution



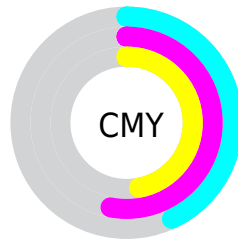
- Red (57%)
- Green (47%)
- Blue (53%)



- Red (57%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (43%)



- Cyan (43%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7830, 2.5720, 15.0993 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 128.7830, 2.5720, 15.0993 by changing the saturation by 10% instead.


 128.7830, 2.5720,
15.0993

 128.7830, 2.5720,
15.0993

255.0000, 0.0000,
0.0000


 103.4840, 2.7194,
14.4845


 181.4950, 2.7140,
16.2289

 79.0710, 2.4300,
13.9697

 209.4950, 2.7140,
16.2289

 56.3590, 2.2880,
12.8402

 237.1960, 2.8614,
15.6141

 34.7610, 2.5828,
11.6106

 11.4240, 3.7350,
15.4142

 0.0000, 0.0000,
0.0000

■ 128.7830, 2.5720,
15.0993

■ 128.7830, 2.5720,
15.0993

■ 119.2940, 4.2921,
23.4212

■ 138.2720, 0.8519,
6.7775

■ 110.2780, 5.2859,
31.3282

■ 147.2880, -0.1420,
-1.1296

■ 100.7890, 7.0060,
39.6500

■ 156.7770, -1.8621,
-9.4514

■ 91.7730, 7.9999,
47.5571

■ 165.7930, -2.8559,
-17.3585

■ 82.2840, 9.7200,
55.8789

■ 175.2820, -4.5760,
-25.6803

■ 72.6810, 11.0033,
64.3008

■ 184.8850, -5.8593,
-34.1021

■ 63.7790, 12.4340,
72.1078


■ 193.7870, -7.2900,
-41.9092


■ 54.1760, 13.7172,

■ 203.3900, -8.5733,

80.5296

-50.3310

 52.8880, 13.8592,
81.6592

 212.2920,
-10.0040, -58.1381

Harmonies

Analogous

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



128.3950, 7.6933, 5.7926



128.7830, 2.5720, 15.0993



128.3230, -3.1172, 19.8877

Triad

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



128.7830, 2.5720, 15.0993



125.4600, -11.0728, 4.8586



122.3760, 9.6746, -23.1318

Complementary

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



128.7830, 2.5720, 15.0993



136.2170, -2.5720, -15.0993

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.



121.7090, 4.5805, -22.5468



128.7830, 2.5720, 15.0993



124.3060, -7.5459, -6.4074

Square

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



128.7830, 2.5720, 15.0993



126.5150, -11.0999, 13.5803



122.7330, -1.8404, -16.4288



124.6910, 11.9843, -17.2690

Rectangle

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



128.7830, 2.5720, 15.0993



127.9980, -6.9010, 20.1728



122.7330, -1.8404, -16.4288



122.3220, 8.2223, -23.9614

Sweetspot

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



128.7830, 2.5720, 15.0993



181.3860, 1.2887, 6.6775



125.6660, 10.0247, 4.6779



90.1360, 0.4260, 3.3887



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



128.7830, 2.5720, 15.0993



162.1800, 3.8553, 23.5211



127.3010, -3.1064, 16.3990



69.5490, 0.7153, 3.9035



50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Inverse Universe

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



128.7830, 2.5720, 15.0993



162.1800, 3.8553, 23.5211



137.6990, 3.1064, -16.3990



69.5490, 0.7153, 3.9035



50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 128.7830, 2.5720, 15.0993 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 128.7830, 2.5720, 15.0993 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 128.7830, 2.5720, 15.0993

Background



This preview shows how black text looks on a background with the YUV color 128.7830, 2.5720, 15.0993.

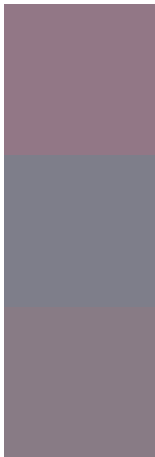


This preview shows how white text looks on a background with the YUV color 128.7830, 2.5720,

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

128.7830, 2.5720, 15.0993

Protanopia

127.3680, 5.2416, -1.1997

Deuteranopia

128.0270, 2.4517, 6.9923



Tritanopia

128.5010, 0.2460, 14.4696

Trichromacy



Original Color

128.7830, 2.5720, 15.0993

Protanomaly

127.5860, 4.6411, 4.7481

Deuteranomaly

128.6360, 2.1515, 9.9662

Tritanomaly

128.7290, 1.1196, 14.2697

Monochromacy



Original Color

128.7830, 2.5720, 15.0993

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6740, 1.1467, 5.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7830, 2.5720, 15.0993 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, 119, 134)` looks like.

```
.text, #text, p{  
    color:rgb(146, 119, 134)  
}
```

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, 119, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 119, 134) }
```

Border

The CSS property to change the border of an element to YUV 128.7830, 2.5720, 15.0993 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, 119, 134) }
```


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

```
.border{ border-color:rgb(146, 119, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 119, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 119, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 119, 134);  
box-shadow:4px 4px 4px 4px rgb(146, 119,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 128.7830, 2.5720, 15.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 119, 134) }
```

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

```
.background{ background-color: rgb(146,  
119, 134) }
```

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