

Converting Colors

YUV(123.8670, 8.4466, -2.5144)

Have a look what the booklet for
YUV(123.8670, 8.4466, -2.5144)
contains.

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Color

**YUV(123.8670, 8.4466,
-2.5144)**

Conversions

Conversions Part 1

Format	Color
Hex	797A8D
RGB	121, 122, 141
RGB Percent	47%, 48%, 55%
CMY	0.5255, 0.5216, 0.4471
CMYK	0.14, 0.13, 0.00, 0.45
HSL	237°, 8%, 51%
HSV	237°, 14%, 55%
XYZ	19.6524, 19.9071, 28.0060
YIQ	123.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

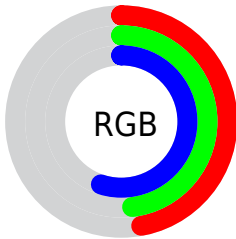
Format	Color
R_{YB}	121, 122, 141
Decimal	7961229
CIE Lab	51.73, 3.71, -10.41
CIE LCh	52, 11.055, 289.629
Yxy	19.9071, 0.2909, 0.2946
Android (android.graphics.Color)	4286151309 (0xFF797A8D)
YUV	123.8670, 8.4466, -2.5144
Hunter-Lab	44.6174, 0.5427, -5.9837

Details

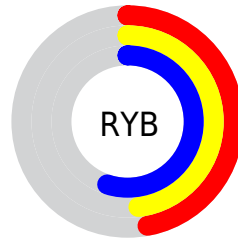
The YUV color $123.8670, 8.4466, -2.5144$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $138.1330, -8.4466, 2.5144$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.0950, 9.3202, -2.7143$, and $74.7530, 8.0098, -2.4144$ is the 20% darker color. If you saturate the color by 10%, you get $112.0500, 14.2724, -4.4288$, and if you desaturate by 10%, it is $135.6840, 2.6208, -0.5999$.

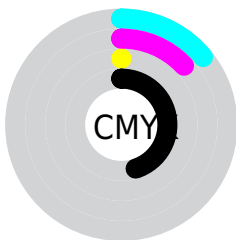
Distribution



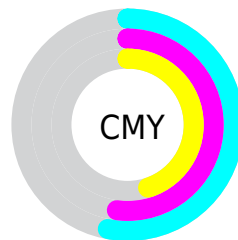
- Red (47%)
- Green (48%)
- Blue (55%)



- Red (47%)
- Yellow (48%)
- Blue (55%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8670, 8.4466, -2.5144 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 123.8670, 8.4466, -2.5144 by changing the saturation by 10% instead.

■ 123.8670, 8.4466,
-2.5144

■ 123.8670, 8.4466,
-2.5144

■ 255.0000, 0.0000,
0.0000

■ 98.7530, 8.0098,
-2.4144

■ 176.0950, 9.3202,
-2.7143

■ 74.7530, 8.0098,
-2.4144

■ 204.0950, 9.3202,
-2.7143

■ 52.5250, 7.1362,
-2.2144

■ 232.0950, 9.3202,
-2.7143

■ 31.1120, 6.8468,
-2.7292

■ 6.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 123.8670, 8.4466,
-2.5144

■ 123.8670, 8.4466,
-2.5144

■ 112.0500, 14.2724,
-4.4288

■ 135.6840, 2.6208,
-0.5999

■ 99.6460, 20.3875,
-5.8285

■ 148.0880, -3.4944,
0.7998

■ 87.8290, 26.2133,
-7.7430

■ 159.9050, -9.3202,
2.7143

■ 75.4250, 32.3285,
-9.1427

■ 172.3090,
-15.4353, 4.1140

■ 63.3090, 38.3017,
-11.6720

■ 184.1260,
-21.2611, 6.0285

■ 51.4920, 44.1274,
-13.5865

■ 196.2420,
-27.2343, 8.5578

■ 39.0880, 50.2426,
-14.9862

■ 208.6460,
-33.3495, 9.9575

■ 27.2710, 56.0684,

■ 220.4630,

-16.9007

-39.1753, 11.8719

■ 20.1830, 59.5628,
-17.7005

■ 232.8670,
-45.2904, 13.2716

Harmonies

Analogous

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



122.1540, 9.7841, -11.5361



123.8670, 8.4466, -2.5144



124.8250, 5.5093, 6.2925

Triad

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



123.8670, 8.4466, -2.5144



124.4380, -7.6109, 14.5249



120.4990, -0.2460, -14.4696

Complementary

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



123.8670, 8.4466, -2.5144



138.1330, -8.4466, 2.5144

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.



120.9900, -4.9251, -7.0072



123.8670, 8.4466, -2.5144



123.6500, -9.1944, 9.0770

Square

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



123.8670, 8.4466, -2.5144



125.0730, -3.9800, 16.5990



122.4210, -8.5886, 1.3848



120.0300, 4.4222, -18.4433

Rectangle

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



123.8670, 8.4466, -2.5144



125.3480, 2.2934, 11.0958



122.4210, -8.5886, 1.3848



120.3530, -2.1460, -11.7106

Sweetspot

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



123.8670, 8.4466, -2.5144



177.4990, 3.2050, -1.3146



134.9060, 2.5113, -12.1956



87.5700, 2.1840, -0.4999



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



123.8670, 8.4466, -2.5144



156.8220, 13.3988, -4.2289



125.9710, 7.4093, 3.5334



65.3850, 2.7682, -1.2146



19.4990, 56.9420, -17.1006



0.9120, 3.4944, -0.7998

Inverse Universe

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



127.0940, -2.5113, 12.1956



161.7960, -3.8434, 19.4729



136.0290, -7.4093, -3.5334



66.2070, -0.5951, 4.2035



41.1630, -16.8424, 82.2950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 123.8670, 8.4466, -2.5144 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 123.8670, 8.4466, -2.5144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

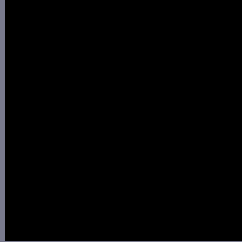
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.8670, 8.4466, -2.5144

Background



This preview shows how black text looks on a background with the YUV color 123.8670, 8.4466, -2.5144.



This preview shows how white text looks on a background with the YUV color 123.8670, 8.4466,

-2.5144.

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

123.8670, 8.4466, -2.5144

Protanopia

123.5680, 8.5940, -3.1291

Deuteranopia

124.4870, 8.1409, 2.2039



Tritanopia

123.2430, 4.8102, -2.8441

Trichromacy



Original Color

123.8670, 8.4466, -2.5144

Protanomaly

123.5680, 8.5940, -3.1291

Deuteranomaly

124.4760, 8.1463, 0.4595

Tritanomaly

123.5850, 6.1206, -3.1440

Monochromacy



Original Color

123.8670, 8.4466, -2.5144

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7980, 3.0576, -0.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8670, 8.4466, -2.5144 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(121, 122, 141)` looks like.

```
.text, #text, p{  
    color:rgb(121, 122, 141)  
}
```

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(121, 122, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 122, 141) }
```

Border

The CSS property to change the border of an element to YUV 123.8670, 8.4466, -2.5144 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(121, 122, 141) }
```


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

```
.border{ border-color:rgb(121, 122, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 122, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 122, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 122, 141);  
box-shadow:4px 4px 4px 4px rgb(121, 122,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 123.8670, 8.4466, -2.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 122, 141) }
```

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

```
.background{ background-color: rgb(121,  
122, 141) }
```

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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