

Converting Colors

YUV(85.1310, 14.7254, -9.7619)

Have a look what the booklet for
YUV(85.1310, 14.7254, -9.7619)
contains.

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Color

**YUV(85.1310, 14.7254,
-9.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5573
RGB	74, 85, 115
RGB Percent	29%, 33%, 45%
CMY	0.7098, 0.6667, 0.5490
CMYK	0.36, 0.26, 0.00, 0.55
HSL	224°, 22%, 37%
HSV	224°, 36%, 45%
XYZ	9.1671, 9.1906, 17.5105
YIQ	85.1310, -16.1860, 6.9980

Conversions

Conversions Part 2

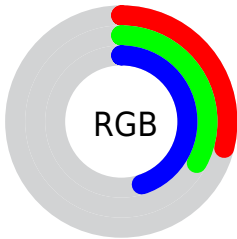
Format	Color
R_{YB}	74, 83, 115
Decimal	4871539
CIE _{Lab}	36.35, 3.66, -18.51
CIE _{LCh}	36, 18.863, 281.178
Yxy	9.1906, 0.2556, 0.2562
Android (android.graphics.Color)	4283061619 (0xFF4A5573)
YUV	85.1310, 14.7254, -9.7619
Hunter-Lab	30.3161, 0.9221, -13.0245

Details

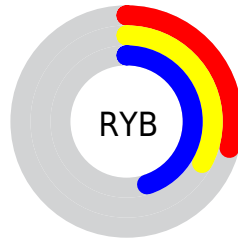
The YUV color **85.1310, 14.7254, -9.7619** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **103.8690, -14.7254, 9.7619**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7720, 15.8884, -9.4470**, and **39.1910, 13.7098, -10.6915** is the 20% darker color. If you saturate the color by 10%, you get **77.1460, 18.6620, -12.4060**, and if you desaturate by 10%, it is **93.4150, 10.6414, -6.5030**.

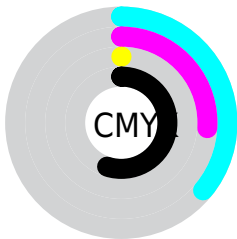
Distribution



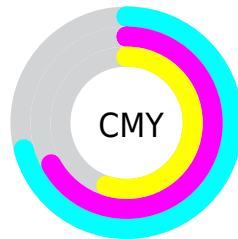
- Red (29%)
- Green (33%)
- Blue (45%)



- Red (29%)
- Yellow (33%)
- Blue (45%)



- Cyan (36%)
- Magenta (26%)
- Yellow (0%)
- Black (55%)



- Cyan (71%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1310, 14.7254, -9.7619 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 85.1310, 14.7254, -9.7619 by changing the saturation by 10% instead.

■ 85.1310, 14.7254,
-9.7619

■ 85.1310, 14.7254,
-9.7619

■ 255.0000, 0.0000,
0.0000

■ 61.6040, 13.9992,
-10.1767

■ 134.7720, 15.8884,
-9.4470

■ 39.1910, 13.7098,
-10.6915

■ 161.4730, 16.0358,
-10.0618

■ 17.9520, 12.8417,
-12.2359

■ 188.5870, 16.4726,
-10.1618

■ 3.3230, 10.1938,
-2.9143

■ 216.1140, 17.1988,
-9.7470

■ 0.0000, 0.0000,
0.0000

■ 241.9650, 6.4263,
-7.8623

■ 85.1310, 14.7254,
-9.7619

■ 85.1310, 14.7254,
-9.7619

■ 77.1460, 18.6620,
-12.4060

■ 93.4150, 10.6414,
-6.5030

■ 68.2750, 23.0354,
-15.1502

■ 101.9870, 6.4154,
-4.3736

■ 60.2900, 26.9720,
-17.7943

■ 110.2710, 2.3314,
-1.1147

■ 51.4190, 31.3454,
-20.5385

■ 118.8430, -1.8946,
1.0147

■ 43.4340, 35.2820,
-23.1826

■ 127.1270, -5.9786,
4.2736

■ 35.1500, 39.3660,
-26.4415


■ 135.1120, -9.9152,
6.9178

■ 31.3070, 41.2606,
-27.4562

■ 143.9830,
-14.2886, 9.6619

■ 151.9680,

-18.2252, 12.3061

 160.8390,
-22.5986, 15.0502

Harmonies

Analogous

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



81.3740, 16.0846, -25.7610



85.1310, 14.7254, -9.7619



87.6770, 10.0192, 6.4223

Triad

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



85.1310, 14.7254, -9.7619



86.5100, -10.1114, 23.2317



79.8850, -2.4083, -20.9471

Complementary

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



85.1310, 14.7254, -9.7619



103.8690, -14.7254, 9.7619

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.



82.6110, -10.1612, -7.5518



85.1310, 14.7254, -9.7619



85.1410, -13.8735, 16.5393

Square

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



85.1310, 14.7254, -9.7619



87.2420, -3.5703, 25.2208



83.7760, -13.6936, 5.4584



77.5120, 6.6496, -32.8980

Rectangle

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



85.1310, 14.7254, -9.7619



87.9940, 5.9190, 14.9143



83.7760, -13.6936, 5.4584



80.5220, -5.1873, -16.2438

Sweetspot

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



85.1310, 14.7254, -9.7619



138.1720, 5.8312, -3.6588



101.3730, 0.8021, -24.0061



69.3140, 3.7892, -2.0294



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



85.1310, 14.7254, -9.7619



103.2750, 23.0354, -15.1502



81.3650, 16.5821, 1.4339



54.2710, 2.3314, -1.1147



33.2790, 43.7395, -29.1857



67.8290, 89.8103, -59.4860

Inverse Universe

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



87.5130, -1.2389, 24.1061



107.0740, -2.0085, 37.6461



107.6350, -16.5821, -1.4339



54.9080, -0.4476, 3.5887



40.2400, -3.5693, 71.7035



82.3880, -7.5863, 146.9957

Previews

White Background



This preview shows how the YUV color 85.1310, 14.7254, -9.7619 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 ✓ Pass

Black Background



This preview shows how the YUV color 85.1310, 14.7254, -9.7619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 85.1310, 14.7254, -9.7619

Background



This preview shows how black text looks on a background with the YUV color 85.1310, 14.7254, -9.7619.



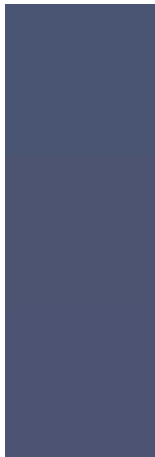
This preview shows how white text looks on a background with the YUV color 85.1310, 14.7254,

-9.7619.

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

85.1310, 14.7254, -9.7619

Protanopia

85.3270, 14.1358, -7.3028

Deuteranopia

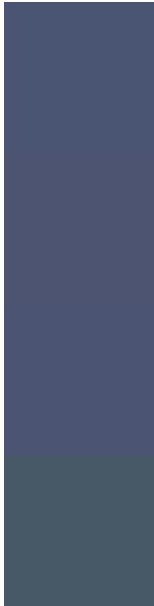
85.4410, 14.5726, -7.4028



Tritanopia

83.8180, 6.0057, -12.9954

Trichromacy



Original Color

85.1310, 14.7254, -9.7619

Protanomaly

85.0280, 14.2832, -7.9176

Deuteranomaly

85.1420, 14.7200, -8.0175

Tritanomaly

84.6270, 9.0579, -11.9509

Monochromacy



Original Color

85.1310, 14.7254, -9.7619

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1310, 14.7254, -9.7619 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(74, 85, 115)` looks like.

```
.text, #text, p{  
    color:rgb(74, 85, 115)  
}
```

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(74, 85, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 85, 115) }
```

Border

The CSS property to change the border of an element to YUV 85.1310, 14.7254, -9.7619 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(74, 85, 115) }
```


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

```
.border{ border-color:rgb(74, 85, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 85, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 85, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 85, 115);  
box-shadow:4px 4px 4px 4px rgb(74, 85,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 85.1310, 14.7254, -9.7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 85, 115) }
```

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

```
.background{ background-color: rgb(74, 85,  
115) }
```

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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