

Converting Colors

YUV(82.7850, 9.4730, -5.0734)

Have a look what the booklet for
YUV(82.7850, 9.4730, -5.0734)
contains.

YUV(82.7850, 9.4730, -5.0734)	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(82.7850, 9.4730,
-5.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5266
RGB	77, 82, 102
RGB Percent	30%, 32%, 40%
CMY	0.6980, 0.6784, 0.6000
CMYK	0.25, 0.20, 0.00, 0.60
HSL	228°, 14%, 35%
HSV	228°, 25%, 40%
XYZ	8.4761, 8.5717, 13.7781
YIQ	82.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

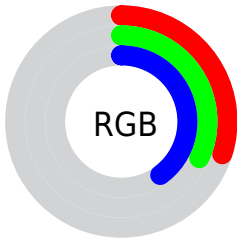
Format	Color
R_{YB}	77, 81, 102
Decimal	5067366
CIE Lab	35.15, 2.93, -12.23
CIE LCh	35, 12.572, 283.471
Yxy	8.5717, 0.2750, 0.2781
Android (android.graphics.Color)	4283257446 (0xFF4D5266)
YUV	82.7850, 9.4730, -5.0734
Hunter-Lab	29.2774, 0.4422, -7.4080

Details

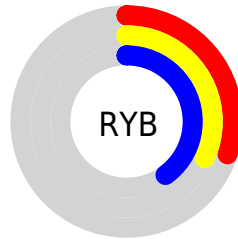
The YUV color **82.7850, 9.4730, -5.0734** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.2150, -9.4730, 5.0734**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0130, 10.3466, -5.2734**, and **37.5570, 8.5994, -4.8735** is the 20% darker color. If you saturate the color by 10%, you get **75.0990, 13.2622, -7.1028**, and if you desaturate by 10%, it is **90.4710, 5.6838, -3.0441**.

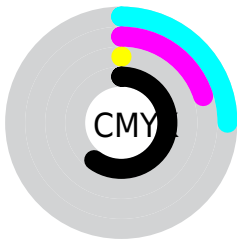
Distribution



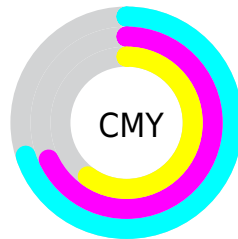
- Red (30%)
- Green (32%)
- Blue (40%)



- Red (30%)
- Yellow (32%)
- Blue (40%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (60%)



- Cyan (70%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7850, 9.4730, -5.0734 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 82.7850, 9.4730, -5.0734 by changing the saturation by 10% instead.

■ 82.7850, 9.4730,
-5.0734

■ 82.7850, 9.4730,
-5.0734

■ 255.0000, 0.0000,
0.0000

■ 59.6710, 9.0362,
-4.9735

■ 132.0130, 10.3466,
-5.2734

■ 37.5570, 8.5994,
-4.8735

■ 158.1270, 10.7834,
-5.3734

■ 17.1440, 8.3100,
-5.3883

■ 185.1270, 10.7834,
-5.3734

■ 1.0260, 3.9312,
-0.8998

■ 213.2410, 11.2202,
-5.4734

■ 0.0000, 0.0000,
0.0000

■ 240.2150, 7.2890,
-4.5736

■ 82.7850, 9.4730,
-5.0734

■ 82.7850, 9.4730,
-5.0734

■ 75.0990, 13.2622,
-7.1028

■ 90.4710, 5.6838,
-3.0441

■ 67.4130, 17.0514,
-9.1322

■ 98.1570, 1.8946,
-1.0147

■ 59.4280, 20.9880,
-11.7764

■ 106.1420, -2.0420,
1.6295

■ 51.1550, 25.0666,
-13.2909

■ 114.4150, -6.1206,
3.1440

■ 43.4690, 28.8558,
-15.3203

■ 122.1010, -9.9098,
5.1734

■ 35.7830, 32.6450,
-17.3497

■ 129.7870,
-13.6990, 7.2028

■ 28.0970, 36.4342,
-19.3791

■ 137.4730,
-17.4882, 9.2322

■ 23.3680, 38.7656,

■ 145.4580,

-20.4937

-21.4248, 11.8763

■ 153.1440,
-25.2140, 13.9057

Harmonies

Analogous

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



80.6590, 10.5211, -14.6099



82.7850, 9.4730, -5.0734



84.3410, 6.2409, 4.9629

Triad

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



82.7850, 9.4730, -5.0734



83.5630, -7.1796, 16.1692



79.2710, -1.1196, -14.2697

Complementary

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



82.7850, 9.4730, -5.0734



96.2150, -9.4730, 5.0734

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.



80.3600, -6.0935, -5.5777



82.7850, 9.4730, -5.0734



82.6610, -9.1999, 10.8213

Square

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



82.7850, 9.4730, -5.0734



84.3010, -3.1064, 16.3990



81.6170, -9.1782, 3.8439



78.3180, 4.2802, -19.5729

Rectangle

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



82.7850, 9.4730, -5.0734



84.6900, 3.6038, 10.7959



81.6170, -9.1782, 3.8439



80.0110, -3.4564, -11.4106

Sweetspot

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



82.7850, 9.4730, -5.0734



125.3140, 3.7892, -2.0294



93.9550, 1.5012, -14.8695



62.1570, 1.8946, -1.0147



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



82.7850, 9.4730, -5.0734



103.1420, 14.7200, -8.0175



82.2420, 9.7407, 2.4188



47.1570, 1.8946, -1.0147



26.6110, 43.5758, -23.3378



55.7640, 91.8143, -48.9050

Inverse Universe

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



85.0450, -1.5012, 14.8695



106.5730, -2.2545, 23.1765



97.0570, -9.8881, -1.8040



47.6090, -0.3002, 2.9739



37.0070, -6.9055, 68.3999



77.8300, -14.7062, 143.9771

Previews

White Background



This preview shows how the YUV color 82.7850, 9.4730, -5.0734 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 82.7850, 9.4730, -5.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

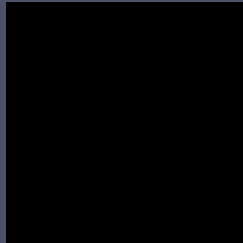
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

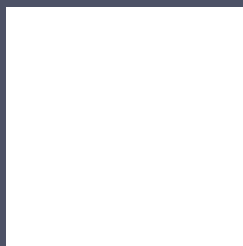
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.7850, 9.4730, -5.0734

Background



This preview shows how black text looks on a background with the YUV color 82.7850, 9.4730, -5.0734.



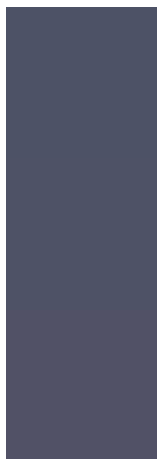
This preview shows how white text looks on a background with the YUV color 82.7850, 9.4730,

-5.0734.

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

82.7850, 9.4730, -5.0734

Protanopia

83.0840, 9.3256, -4.4587

Deuteranopia

83.3940, 9.1728, -2.0995



Tritanopia

82.1070, 4.3842, -6.2328

Trichromacy



Original Color

82.7850, 9.4730, -5.0734

Protanomaly

83.0840, 9.3256, -4.4587

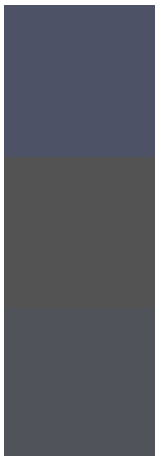
Deuteranomaly

83.0950, 9.3202, -2.7143

Tritanomaly

82.2750, 6.2734, -5.5032

Monochromacy



Original Color

82.7850, 9.4730, -5.0734

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2000, 3.3524, -1.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7850, 9.4730, -5.0734 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(77, 82, 102)` looks like.

```
.text, #text, p{  
    color:rgb(77, 82, 102)  
}
```

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(77, 82, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 82, 102) }
```

Border

The CSS property to change the border of an element to YUV 82.7850, 9.4730, -5.0734 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(77, 82, 102) }
```


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

```
.border{ border-color:rgb(77, 82, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 82, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 82, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 82, 102);  
box-shadow:4px 4px 4px 4px rgb(77, 82,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 82.7850, 9.4730, -5.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 82, 102) }
```

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

```
.background{ background-color: rgb(77, 82,  
102) }
```

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