

Converting Colors

YUV(108.7850, 9.4730, -5.0734)

Have a look what the booklet for
YUV(108.7850, 9.4730, -5.0734)
contains.

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Color

**YUV(108.7850, 9.4730,
-5.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	676C80
RGB	103, 108, 128
RGB Percent	40%, 42%, 50%
CMY	0.5961, 0.5765, 0.4980
CMYK	0.20, 0.16, 0.00, 0.50
HSL	228°, 11%, 45%
HSV	228°, 20%, 50%
XYZ	14.8524, 15.1672, 22.5668
YIQ	108.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

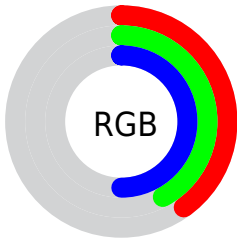
Format	Color
R_{YB}	103, 107, 128
Decimal	6777984
CIE Lab	45.86, 2.66, -11.70
CIE LCh	46, 11.999, 282.827
Yxy	15.1672, 0.2824, 0.2884
Android (android.graphics.Color)	4284968064 (0xFF676C80)
YUV	108.7850, 9.4730, -5.0734
Hunter-Lab	38.9451, -0.0799, -7.0942

Details

The YUV color **108.7850, 9.4730, -5.0734** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122.2150, -9.4730, 5.0734**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0130, 10.3466, -5.2734**, and **61.5570, 8.5994, -4.8735** is the 20% darker color. If you saturate the color by 10%, you get **99.0280, 14.2832, -7.9176**, and if you desaturate by 10%, it is **118.5420, 4.6628, -2.2293**.

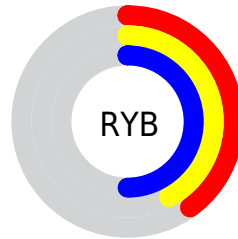
Distribution



Red (40%)

Green (42%)

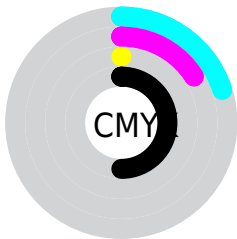
Blue (50%)



Red (40%)

Yellow (42%)

Blue (50%)

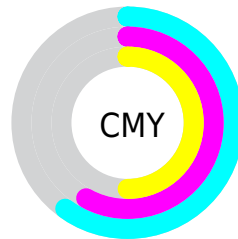


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7850, 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 108.7850, 9.4730, -5.0734 by changing the saturation by 10% instead.

■ 108.7850, 9.4730,
-5.0734

■ 108.7850, 9.4730,
-5.0734

■ 255.0000, 0.0000,
0.0000

■ 84.6710, 9.0362,
-4.9735

■ 160.0130, 10.3466,
-5.2734

■ 61.5570, 8.5994,
-4.8735

■ 187.0130, 10.3466,
-5.2734

■ 39.4430, 8.1626,
-4.7735

■ 215.1270, 10.7834,
-5.3734

■ 18.3290, 7.7258,
-4.6735

■ 241.9870, 6.4154,
-4.3736

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 108.7850, 9.4730,
-5.0734

■ 108.7850, 9.4730,
-5.0734

■ 99.0280, 14.2832,
-7.9176

■ 118.5420, 4.6628,
-2.2293

■ 89.2710, 19.0934,
-10.7617

■ 128.2990, -0.1474,
0.6148

■ 79.2260, 24.0456,
-12.4762

■ 138.3440, -5.0996,
2.3293

■ 69.4690, 28.8558,
-15.3203

■ 148.1010, -9.9098,
5.1734

■ 59.7120, 33.6660,
-18.1644

■ 157.8580,
-14.7200, 8.0175

■ 49.9550, 38.4762,
-21.0085

■ 167.6150,
-19.5302, 10.8616

■ 39.6110, 43.5758,
-23.3378

■ 177.9590,
-24.6298, 13.1910

■ 30.1530, 48.2386,

■ 187.4170,

-25.5672

-29.2926, 15.4203

■ 29.8540, 48.3860,
-26.1820

■ 197.1740,
-34.1028, 18.2644

Harmonies

Analogous

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



106.8440, 9.9369, -13.8952



108.7850, 9.4730, -5.0734



110.3410, 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.



108.7850, 9.4730, -5.0734



109.5630, -7.1796, 16.1692



105.4560, -1.7038, -13.5549

Complementary

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



108.7850, 9.4730, -5.0734



122.2150, -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.



106.6590, -6.2409, -4.9629



108.7850, 9.4730, -5.0734



108.9600, -9.3473, 11.4361

Square

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



108.7850, 9.4730, -5.0734



110.7140, -2.8170, 16.9138



107.6170, -9.1782, 3.8439



104.6170, 4.1328, -18.9581

Rectangle

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



108.7850, 9.4730, -5.0734



110.6900, 3.6038, 10.7959



107.6170, -9.1782, 3.8439



106.0110, -3.4564, -11.4106

Sweetspot

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



108.7850, 9.4730, -5.0734



158.3140, 3.7892, -2.0294



119.9550, 1.5012, -14.8695



79.2710, 2.3314, -1.1147



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



108.7850, 9.4730, -5.0734



136.4410, 14.5726, -7.4028



108.2420, 9.7407, 2.4188



58.9720, 2.4788, -1.7294



29.2670, 48.6754, -25.6672



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.0450, -1.5012, 14.8695



140.1600, -2.5439, 22.6617



123.0570, -9.8881, -1.8040



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 108.7850, 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 × Fail

Black Background



This preview shows how the YUV color 108.7850, 9.4730, -5.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

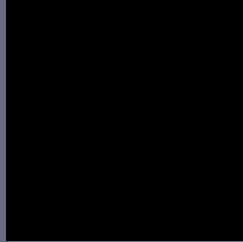
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

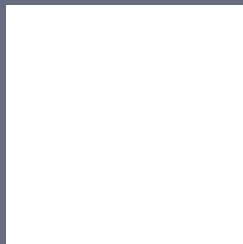
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.7850, 9.4730, -5.0734

Background



This preview shows how black text looks on a background with the YUV color 108.7850, 9.4730, -5.0734.



This preview shows how white text looks on a background with the YUV color 108.7850, 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

108.7850, 9.4730, -5.0734

Protanopia

109.3830, 9.1782, -3.8439

Deuteranopia

109.4050, 9.1673, -0.3552



Tritanopia

108.2210, 4.8210, -6.3328

Trichromacy



Original Color

108.7850, 9.4730, -5.0734

Protanomaly

109.0840, 9.3256, -4.4587

Deuteranomaly

109.3940, 9.1728, -2.0995

Tritanomaly

108.3890, 6.7102, -5.6032

Monochromacy



Original Color

108.7850, 9.4730, -5.0734

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2000, 3.3524, -1.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7850, 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(103, 108, 128)` looks like.

```
.text, #text, p{  
    color:rgb(103, 108, 128)  
}
```

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(103, 108, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 108, 128) }
```

Border

The CSS property to change the border of an element to YUV 108.7850, 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(103, 108, 128) }
```


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

```
.border{ border-color:rgb(103, 108, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 108, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 108, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 108, 128);  
box-shadow:4px 4px 4px 4px rgb(103, 108,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 108.7850, 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(103, 108, 128) }
```

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

```
.background{ background-color: rgb(103,  
108, 128) }
```

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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