

# Converting Colors

YUV(107.9260, -7.8515, -1.6891)

Have a look what the booklet for  
YUV(107.9260, -7.8515, -1.6891)  
contains.

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# Color

**YUV(107.9260, -7.8515,  
-1.6891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A705C
RGB	106, 112, 92
RGB Percent	42%, 44%, 36%
CMY	0.5843, 0.5608, 0.6392
CMYK	0.05, 0.00, 0.18, 0.56
HSL	78°, 10%, 40%
HSV	78°, 18%, 44%
XYZ	13.6698, 15.4252, 12.3821
YIQ	107.9260, 2.8440, -7.4920

# Conversions

## Conversions Part 2

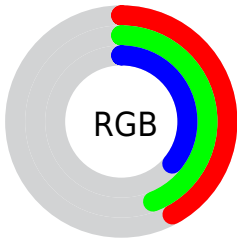
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 112, 98
Decimal	6975580
CIELab	46.21, -6.19, 10.36
CIELCh	46, 12.070, 120.831
Yxy	15.4252, 0.3296, 0.3719
Android (android.graphics.Color)	4285165660 (0xFF6A705C)
YUV	107.9260, -7.8515, -1.6891
Hunter-Lab	39.2750, -6.6036, 8.8003

# Details

The YUV color **107.9260, -7.8515, -1.6891** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.0740, 7.8515, 1.6891**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3990, -8.5777, -2.1039**, and **60.4530, -7.1253, -1.2743** is the 20% darker color. If you saturate the color by 10%, you get **105.7750, -12.2141, -2.4337**, and if you desaturate by 10%, it is **110.0770, -3.4890, -0.9445**.

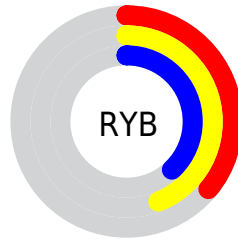
# Distribution



Red (42%)

Green (44%)

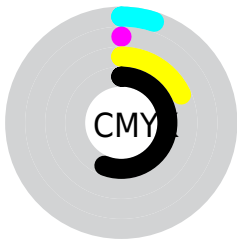
Blue (36%)



Red (36%)

Yellow (44%)

Blue (38%)

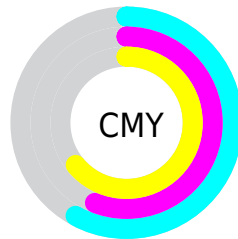


Cyan (5%)

Magenta (0%)

Yellow (18%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.9260, -7.8515, -1.6891 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 107.9260, -7.8515, -1.6891 by changing the saturation by 10% instead.



■ 107.9260, -7.8515,  
-1.6891

■ 107.9260, -7.8515,  
-1.6891

255.0000, 0.0000,  
0.0000

■ 83.9260, -7.8515,  
-1.6891

■ 159.3990, -8.5777,  
-2.1039

■ 60.4530, -7.1253,  
-1.2743

■ 186.3990, -8.5777,  
-2.1039

■ 38.5670, -6.6885,  
-1.3743

■ 214.2850, -9.0145,  
-2.0039

■ 17.9970, -8.8725,  
-0.8744

■ 242.2850, -9.0145,  
-2.0039

■ 0.0000, 0.0000,  
0.0000

254.7720, -0.8736,  
0.2000

■ 107.9260, -7.8515,  
-1.6891

■ 107.9260, -7.8515,  
-1.6891

■ 105.7750,  
-12.2141, -2.4337

■ 110.0770, -3.4890,  
-0.9445

■ 103.3250,  
-16.4292, -3.7930

■ 112.5270, 0.7262,  
0.4148

■ 101.0600,  
-21.2286, -4.4376

■ 114.7920, 5.5255,  
1.0594

■ 98.9090, -25.5911,  
-5.1822

■ 116.9430, 9.8881,  
1.8040

■ 96.4590, -29.8063,  
-6.5415

■ 119.3930, 14.1033,  
3.1633

■ 94.3080, -34.1688,  
-7.2861

■ 121.5440, 18.4658,  
3.9079

■ 91.8580, -38.3840,  
-8.6455

■ 123.9940, 22.6810,  
5.2673

■ 89.5930, -43.1833,

■ 126.2590, 27.4803,

-9.2901

5.9119

■ 89.0660, -43.9095,  
-9.7049

■ 128.4100, 31.8429,  
6.6564

# Harmonies

## Analogous

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



109.1120, -9.9152, 6.9178



107.9260, -7.8515, -1.6891



106.6090, -3.7512, -10.1811

# Triad

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



107.9260, -7.8515, -1.6891



107.1210, 9.8003, -16.7691



111.2840, -0.6330, 16.4139

# Complementary

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



107.9260, -7.8515, -1.6891



96.0740, 7.8515, 1.6891

# 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.



111.3910, 3.7512, 10.1811



107.9260, -7.8515, -1.6891



108.8770, 9.9206, -8.6621

# Square

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



107.9260, -7.8515, -1.6891



105.8880, 6.4642, -20.0728



110.7750, 7.9989, 1.0743



111.0300, -5.4378, 17.5137



# Rectangle

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



107.9260, -7.8515, -1.6891



105.9010, 0.0488, -15.6992



110.7750, 7.9989, 1.0743



111.6150, 0.6828, 14.3696

# Sweetspot

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



107.9260, -7.8515, -1.6891



143.6040, -2.7628, -0.5297



101.5020, -4.6845, 9.2067



73.2450, -1.5998, -0.2149



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



107.9260, -7.8515, -1.6891



138.8890, -11.7773, -2.5337



104.9360, -6.3774, -7.8369



54.7180, -2.3260, -0.6297



95.5560, -47.1091, -10.1346



196.7160, -96.9810, -20.7989



# Inverse Universe

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



96.0740, 7.8515, 1.6891



121.1110, 11.7773, 2.5337



99.0640, 6.3774, 7.8369



51.2820, 2.3260, 0.6297



24.4440, 47.1091, 10.1346



50.2840, 96.9810, 20.7989



# Previews

## White Background



This preview shows how the YUV color 107.9260, -7.8515, -1.6891 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 107.9260, -7.8515, -1.6891 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

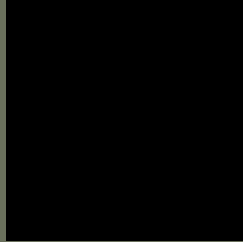
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 107.9260, -7.8515, -1.6891

## Background



This preview shows how black text looks on a background with the YUV color 107.9260, -7.8515, -1.6891.



This preview shows how white text looks on a background with the YUV color 107.9260, -7.8515,

-1.6891.

# 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

107.9260, -7.8515, -1.6891

### Protanopia

109.0410, -8.8942, 6.1030

### Deuteranopia

109.9110, -8.3371, 14.1101



## Tritanopia

110.2110, 3.3470, -0.1850

# Trichromacy



## Original Color

107.9260, -7.8515, -1.6891

## Protanomaly

108.4320, -8.5940, 3.1291

## Deuteranomaly

109.5790, -8.1734, 8.2622

## Tritanomaly

109.4730, -0.7262, -0.4148

# Monochromacy



## Original Color

107.9260, -7.8515, -1.6891

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

107.6040, -2.7628, -0.5297

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.9260, -7.8515, -1.6891 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(106, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(106, 112, 92)  
}
```

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(106, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 112, 92) }
```

## Border

The CSS property to change the border of an element to YUV 107.9260, -7.8515, -1.6891 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(106, 112, 92) }
```



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

```
.border{ border-color:rgb(106, 112, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 112, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(106, 112,  
92) }
```

# Background

The CSS property to change the background color of an element to YUV 107.9260, -7.8515, -1.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 112, 92) }
```

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

```
.background{ background-color: rgb(106,  
112, 92) }
```

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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