

Converting Colors

YUV(107.0230, -4.9413, -1.7742)

Have a look what the booklet for
YUV(107.0230, -4.9413, -1.7742)
contains.

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Color

**YUV(107.0230, -4.9413,
-1.7742)**

Conversions

Conversions Part 1

Format	Color
Hex	696E61
RGB	105, 110, 97
RGB Percent	41%, 43%, 38%
CMY	0.5882, 0.5686, 0.6196
CMYK	0.05, 0.00, 0.12, 0.57
HSL	83°, 6%, 41%
HSV	83°, 12%, 43%
XYZ	13.5593, 15.0182, 13.4934
YIQ	107.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

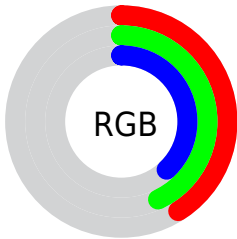
Format	Color
R _Y B	97, 110, 102
Decimal	6909537
CIE Lab	45.66, -4.51, 6.60
CIE LCh	46, 7.993, 124.385
Yxy	15.0182, 0.3223, 0.3570
Android (android.graphics.Color)	4285099617 (0xFF696E61)
YUV	107.0230, -4.9413, -1.7742
Hunter-Lab	38.7533, -5.3634, 6.4833

Details

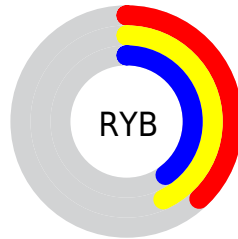
The YUV color **107.0230, -4.9413, -1.7742** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.9770, 4.9413, 1.7742**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6100, -5.2307, -2.2890**, and **59.5500, -4.2151, -1.3593** is the 20% darker color. If you saturate the color by 10%, you get **104.5730, -9.1565, -3.1335**, and if you desaturate by 10%, it is **109.4730, -0.7262, -0.4148**.

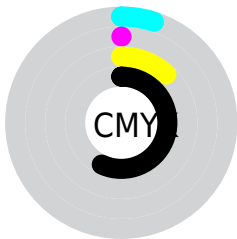
Distribution



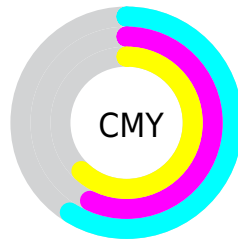
- Red (41%)
- Green (43%)
- Blue (38%)



- Red (38%)
- Yellow (43%)
- Blue (40%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (57%)



- Cyan (59%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0230, -4.9413, -1.7742 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 107.0230, -4.9413, -1.7742 by changing the saturation by 10% instead.

■ 107.0230, -4.9413,
-1.7742

■ 107.0230, -4.9413,
-1.7742

255.0000, 0.0000,
0.0000

■ 83.0230, -4.9413,
-1.7742

■ 158.6100, -5.2307,
-2.2890

■ 59.5500, -4.2151,
-1.3593

■ 185.4960, -5.6675,
-2.1890

■ 38.2510, -4.0677,
-1.9741

■ 212.9090, -5.3781,
-1.6742

■ 16.9800, -6.3991,
-0.8595

■ 241.4960, -5.6675,
-2.1890

■ 0.0000, 0.0000,
0.0000

■ 107.0230, -4.9413,

■ 107.0230, -4.9413,

-1.7742

-1.7742

■ 104.5730, -9.1565,
-3.1335

■ 109.4730, -0.7262,
-0.4148

■ 102.1230,
-13.3716, -4.4929

■ 111.9230, 3.4890,
0.9445

■ 99.3740, -17.4394,
-6.4670

■ 114.6720, 7.5567,
2.9187

■ 96.9240, -21.6545,
-7.8263

■ 117.1220, 11.7719,
4.2780

■ 94.4740, -25.8697,
-9.1857

■ 119.5720, 15.9870,
5.6374

■ 92.0240, -30.0848,
-10.5450

■ 122.0220, 20.2022,
6.9967

■ 89.2750, -34.1526,
-12.5192

■ 124.7710, 24.2699,
8.9708

■ 86.8250, -38.3677,
-13.8785

■ 127.2210, 28.4850,
10.3302

■ 84.9020, -41.8567,
-14.8231

■ 129.6710, 32.7002,
11.6895

Harmonies

Analogous

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



108.0130, -6.4154, 4.3736



107.0230, -4.9413, -1.7742



106.6740, -2.3043, -7.6071

Triad

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



107.0230, -4.9413, -1.7742



106.6550, 6.5791, -10.2214



109.7240, -1.3429, 10.7661

Complementary

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



107.0230, -4.9413, -1.7742



99.9770, 4.9413, 1.7742

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.



109.3260, 2.3043, 7.6071



107.0230, -4.9413, -1.7742



107.6880, 6.5628, -4.9884

Square

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



107.0230, -4.9413, -1.7742



106.0630, 4.4059, -13.2103



108.9770, 4.9413, 1.7742



109.0400, -3.9637, 11.3659

Rectangle

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



107.0230, -4.9413, -1.7742



106.0480, 0.4693, -10.5661



108.9770, 4.9413, 1.7742



109.7670, 0.1149, 9.8513

Sweetspot

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



107.0230, -4.9413, -1.7742



141.7180, -2.3260, -0.6297



103.8220, -3.3632, 5.4181



70.3590, -1.1630, -0.3148



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



107.0230, -4.9413, -1.7742



138.3280, -7.5567, -2.9187



105.2290, -4.0569, -5.4628



54.7180, -2.3260, -0.6297



92.5660, -45.6350, -16.2824



190.4370, -93.8854, -33.7092

Inverse Universe

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



99.9770, 4.9413, 1.7742



127.3730, 7.7041, 2.3039



101.7710, 4.0569, 5.4628



51.5810, 2.1786, 1.2445



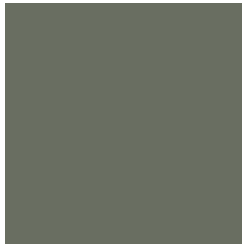
27.4340, 45.6350, 16.2824



56.5630, 93.8854, 33.7092

Previews

White Background



This preview shows how the YUV color 107.0230, -4.9413, -1.7742 looks on a white background.

Color Contrast Check

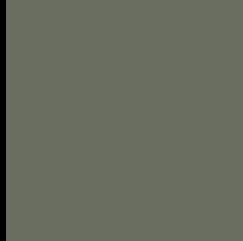
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0230, -4.9413, -1.7742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

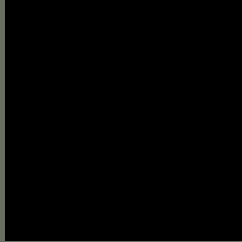
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

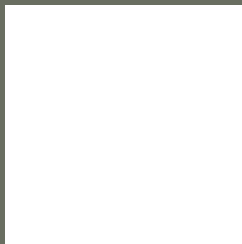
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.0230, -4.9413, -1.7742

Background



This preview shows how black text looks on a background with the YUV color 107.0230, -4.9413, -1.7742.



This preview shows how white text looks on a background with the YUV color 107.0230, -4.9413, -1.7742.

-1.7742.

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

107.0230, -4.9413, -1.7742

Protanopia

108.1270, -5.9786, 4.2736

Deuteranopia

108.6980, -5.2741, 11.6659



Tritanopia

108.3250, 3.7838, -0.2850

Trichromacy



Original Color

107.0230, -4.9413, -1.7742

Protanomaly

107.8170, -5.8258, 1.9145

Deuteranomaly

108.0780, -4.9685, 6.9476

Tritanomaly

107.8150, 0.5842, -0.7148

Monochromacy



Original Color

107.0230, -4.9413, -1.7742

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0230, -4.9413, -1.7742 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(105, 110, 97)` looks like.

```
.text, #text, p{  
    color:rgb(105, 110, 97)  
}
```

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(105, 110, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 110, 97) }
```

Border

The CSS property to change the border of an element to YUV 107.0230, -4.9413, -1.7742 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(105, 110, 97) }
```


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

```
.border{ border-color:rgb(105, 110, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 110, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 110, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 110, 97);  
box-shadow:4px 4px 4px 4px rgb(105, 110,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 107.0230, -4.9413, -1.7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 110, 97) }
```

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

```
.background{ background-color: rgb(105,  
110, 97) }
```

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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