

Converting Colors

YUV(142.2050, -7.4961,
24.3762)

Have a look what the booklet for
YUV(142.2050, -7.4961, 24.3762)
contains.

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Color

**YUV(142.2050, -7.4961,
24.3762)**

Conversions

Conversions Part 1	
Format	Color
Hex	AA837F
RGB	170, 131, 127
RGB Percent	67%, 51%, 50%
CMY	0.3333, 0.4863, 0.5020
CMYK	0.00, 0.23, 0.25, 0.33
HSL	6°, 20%, 58%
HSV	6°, 25%, 67%
XYZ	28.5246, 26.3110, 23.6538
YIQ	142.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

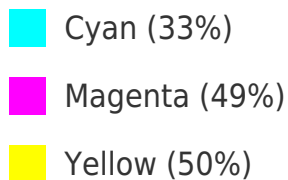
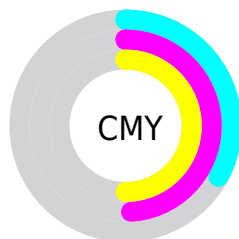
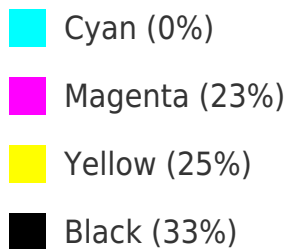
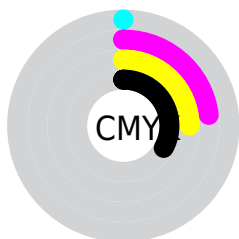
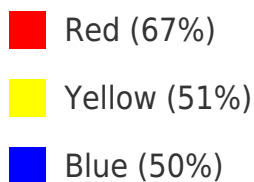
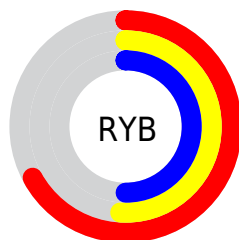
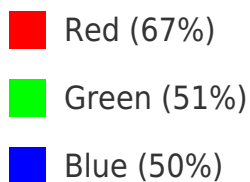
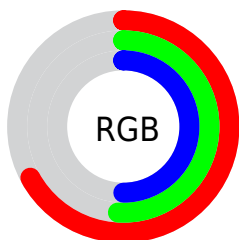
Format	Color
RYB	170, 131, 127
Decimal	11174783
CIELab	58.33, 14.37, 7.93
CIELCh	58, 16.408, 28.893
Yxy	26.3110, 0.3634, 0.3352
Android (android.graphics.Color)	4289364863 (0xFFAA837F)
YUV	142.2050, -7.4961, 24.3762
Hunter-Lab	51.2942, 9.4987, 8.5650

Details

The YUV color **142.2050, -7.4961, 24.3762** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **154.7950, 7.4961, -24.3762**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1020, -7.9383, 26.2205**, and **91.4220, -6.6170, 22.4319** is the 20% darker color. If you saturate the color by 10%, you get **131.4620, -10.5808, 33.7978**, and if you desaturate by 10%, it is **152.9480, -4.4114, 14.9546**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 142.2050, -7.4961, 24.3762 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 142.2050, -7.4961, 24.3762 by changing the saturation by 10% instead.


 142.2050, -7.4961,
24.3762

 142.2050, -7.4961,
24.3762


255.0000, 0.0000,
0.0000


 116.6070, -7.2013,
23.1467


 196.1020, -7.9383,
26.2205


 91.4220, -6.6170,
22.4319


 224.2870, -8.5225,
26.9353

 67.8240, -6.3222,
21.2024

 243.9150, -4.3951,
9.7215

 45.0410, -5.4432,
19.2580

 23.9160, -5.8746,
17.6137

 5.0830, -2.5059,
10.4512

 0.0000, 0.0000,

0.0000

■ 142.2050, -7.4961,
24.3762

■ 142.2050, -7.4961,
24.3762

■ 131.4620,
-10.5808, 33.7978

■ 152.9480, -4.4114,
14.9546

■ 120.1320,
-13.3761, 43.7342

■ 164.2780, -1.6161,
5.0182

■ 109.3890,
-16.4608, 53.1558

■ 175.0210, 1.4686,
-4.4034

■ 98.0590, -19.2561,
63.0923


■ 186.3510, 4.2640,
-14.3398


■ 87.3160, -22.3408,
72.5139


■ 197.0940, 7.3487,
-23.7614


■ 75.9860, -25.1361,
82.4503

■ 208.4240, 10.1440,
-33.6978

 65.2430, -28.2208,
91.8719

 219.1670, 13.2287,
-43.1195

 60.2220, -29.6894,
96.2753

 228.9980, 12.8190,
-51.7412

 229.5850, 12.5296,
-52.2560

Harmonies

Analogous

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



142.6160, -0.7967, 22.2618



142.2050, -7.4961, 24.3762



140.9180, -12.2846, 20.2429

Triad

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



142.2050, -7.4961, 24.3762



136.4190, -5.6296, -14.3995



139.3970, 14.5943, -14.3802

Complementary

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



142.2050, -7.4961, 24.3762



154.7950, 7.4961, -24.3762

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.



136.3910, 13.6112, -25.7759



142.2050, -7.4961, 24.3762



135.3020, 1.8231, -24.8209

Square

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



142.2050, -7.4961, 24.3762



138.3020, -11.4879, -2.0189



134.6310, 9.5489, -29.4944



141.6870, 11.4933, 0.2745

Rectangle

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



142.2050, -7.4961, 24.3762



139.8310, -13.7207, 14.1802



134.6310, 9.5489, -29.4944



138.0760, 14.7525, -18.4837

Sweetspot

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



142.2050, -7.4961, 24.3762



210.5560, -3.2321, 10.0364



144.3030, 10.6966, 22.5363



104.8760, -1.9109, 6.2477



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



142.2050, -7.4961, 24.3762



178.5550, -11.6126, 38.1013



154.5320, -13.5733, 13.5654



78.9790, -1.4686, 4.4034



52.4700, -25.8677, 83.7798



7.1540, -3.5269, 11.2659

Inverse Universe

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



154.7950, 7.4961, -24.3762



198.4450, 11.6126, -38.1013



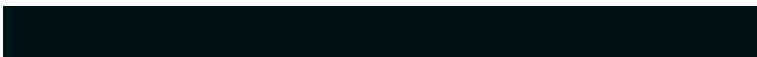
142.4680, 13.5733, -13.5654



81.0210, 1.4686, -4.4034



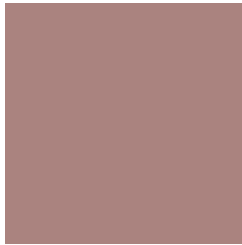
95.5300, 25.8677, -83.7798



13.4330, 3.2375, -11.7807

Previews

White Background



This preview shows how the YUV color 142.2050, -7.4961, 24.3762 looks on a white background.

Color Contrast Check

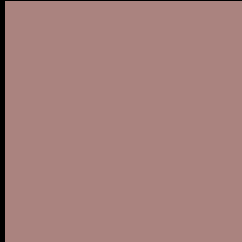
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 142.2050, -7.4961, 24.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

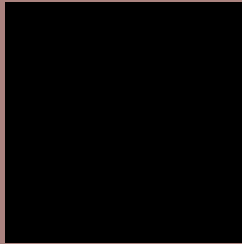
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.2050, -7.4961, 24.3762

Background



This preview shows how black text looks on a background with the YUV color 142.2050, -7.4961, 24.3762.



This preview shows how white text looks on a background with the YUV color 142.2050, -7.4961,

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

142.2050, -7.4961, 24.3762

Protanopia

140.5830, -4.2314, 3.8737

Deuteranopia

141.1500, -7.4689, 15.6545



Tritanopia

142.6980, -1.8231, 24.8209

Trichromacy



Original Color
142.2050, -7.4961, 24.3762

Protanomaly
141.2850, -5.5635, 11.1511

Deuteranomaly
141.7590, -7.7692, 18.6284

Tritanomaly
142.8290, -3.8597, 24.7060

Monochromacy



Original Color
142.2050, -7.4961, 24.3762

Achromatopsia
142.0000, 0.0000, 0.0000

Achromatomaly
142.0720, -2.5005, 8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2050, -7.4961, 24.3762 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(170, 131, 127)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 127)  
}
```

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(170, 131, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 127) }
```

Border

The CSS property to change the border of an element to YUV 142.2050, -7.4961, 24.3762 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(170, 131, 127) }
```


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

```
.border{ border-color:rgb(170, 131, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 131, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 131, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 131, 127);  
box-shadow:4px 4px 4px 4px rgb(170, 131,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 142.2050, -7.4961, 24.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 127) }
```

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

```
.background{ background-color: rgb(170,  
131, 127) }
```

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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