

Converting Colors

YUV(151.9930, -2.4615,
42.9791)

Have a look what the booklet for
YUV(151.9930, -2.4615, 42.9791)
contains.

YUV(151.9930, -2.4615, 42.9791)	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(151.9930, -2.4615,
42.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	C98093
RGB	201, 128, 147
RGB Percent	79%, 50%, 58%
CMY	0.2118, 0.4980, 0.4235
CMYK	0.00, 0.36, 0.27, 0.21
HSL	344°, 40%, 65%
HSV	344°, 36%, 79%
XYZ	37.0730, 29.9624, 31.4331
YIQ	151.9930, 37.4090, 21.3850

Conversions

Conversions Part 2

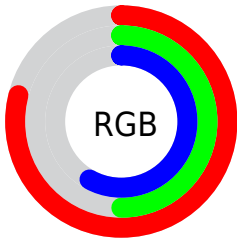
Format	Color
RYB	201, 128, 147
Decimal	13205651
CIELab	61.62, 30.75, 1.65
CIELCh	62, 30.790, 3.069
Yxy	29.9624, 0.3765, 0.3043
Android (android.graphics.Color)	4291395731 (0xFFC98093)
YUV	151.9930, -2.4615, 42.9791
Hunter-Lab	54.7380, 25.1034, 4.2694

Details

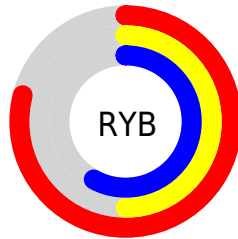
The YUV color **151.9930, -2.4615, 42.9791** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177.0070, 2.4615, -42.9791**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9930, -2.4615, 42.9791**, and **99.6120, -1.2877, 39.8053** is the 20% darker color. If you saturate the color by 10%, you get **138.5430, -3.2257, 54.7748**, and if you desaturate by 10%, it is **165.4430, -1.6974, 31.1835**.

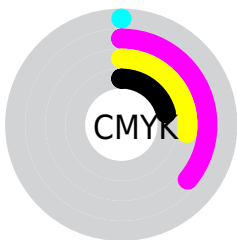
Distribution



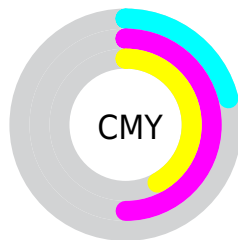
- Red (79%)
- Green (50%)
- Blue (58%)



- Red (79%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (27%)
- Black (21%)



- Cyan (21%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9930, -2.4615, 42.9791 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 151.9930, -2.4615, 42.9791 by changing the saturation by 10% instead.

■ 151.9930, -2.4615,
42.9791

■ 151.9930, -2.4615,
42.9791

255.0000, 0.0000,
0.0000

■ 125.3950, -2.1667,
41.7496

■ 205.9930, -2.4615,
42.9791

■ 99.6120, -1.2877,
39.8053

■ 225.6210, 1.6658,
25.7654

■ 74.7150, -0.8455,
37.9609

■ 245.0210, 4.9196,
8.7516

■ 50.2310, -0.1139,
36.6314

■ 25.8010, 2.0701,
36.1315

■ 13.7970, -5.3229,
27.3650

■ 0.0000, 0.0000,

0.0000

151.9930, -2.4615,
42.9791

151.9930, -2.4615,
42.9791

138.5430, -3.2257,
54.7748

165.4430, -1.6974,
31.1835

125.0930, -3.9898,
66.5704

178.8930, -0.9332,
19.3878

111.6430, -4.7540,
78.3661

192.3430, -0.1691,
7.5922

98.3070, -5.0814,
90.0618

205.6790, 0.1583,
-4.1035

84.8570, -5.8455,
101.8574

219.7160, 0.6330,
-16.4139

70.8200, -6.3203,
114.1679

233.1660, 1.3972,
-28.2096

■ 66.0270, -6.9153,
118.3713

■ 238.3980, 6.2128,
-32.7980

■ 238.8540, 7.9600,
-33.1980

Harmonies

Analogous

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



152.9340, 10.3855, 28.9989



151.9930, -2.4615, 42.9791



150.6760, -15.1233, 44.1341

Triad

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



151.9930, -2.4615, 42.9791



143.8640, -20.6390, -6.8967



137.0310, 29.5647, -56.1552

Complementary

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



151.9930, -2.4615, 42.9791



177.0070, 2.4615, -42.9791

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.



131.2220, 23.0616, -70.3547



151.9930, -2.4615, 42.9791



139.3260, -8.0487, -31.8579

Square

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



151.9930, -2.4615, 42.9791



146.9270, -26.0930, 15.8500



134.4120, 8.1779, -56.4893



145.8760, 28.1621, -26.2013

Rectangle

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



151.9930, -2.4615, 42.9791



149.6230, -21.5061, 38.0416



134.4120, 8.1779, -56.4893



134.3460, 28.4234, -63.4474

Sweetspot

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



151.9930, -2.4615, 42.9791



236.1700, -1.0698, 16.5139



152.4680, 23.9263, 25.8996



116.5390, -0.7587, 10.0513



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



151.9930, -2.4615, 42.9791



179.7940, -3.8424, 65.9557



159.8060, -15.6804, 36.1271



92.9190, -0.4531, 5.3330



53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Inverse Universe

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



151.9930, -2.4615, 42.9791



179.7940, -3.8424, 65.9557



169.1940, 15.6804, -36.1271



92.9190, -0.4531, 5.3330



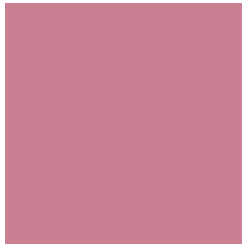
53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 151.9930, -2.4615, 42.9791 looks on a white background.

Color Contrast Check

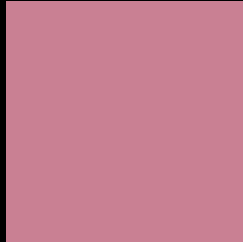
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.9930, -2.4615, 42.9791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

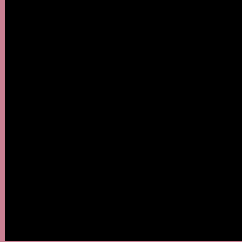
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.9930, -2.4615, 42.9791

Background



This preview shows how black text looks on a background with the YUV color 151.9930, -2.4615, 42.9791.



This preview shows how white text looks on a background with the YUV color 151.9930, -2.4615,

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

151.9930, -2.4615, 42.9791

Protanopia

149.5530, 4.6574, -0.4850

Deuteranopia

150.5780, -3.2430, 13.5251



Tritanopia

151.3690, -6.0979, 42.6494

Trichromacy



Original Color

151.9930, -2.4615, 42.9791

Protanomaly

150.6690, 2.1352, 15.1993

Deuteranomaly

151.0570, -2.9861, 24.5060

Tritanomaly

151.7110, -4.7875, 42.3495

Monochromacy



Original Color

151.9930, -2.4615, 42.9791

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8710, -0.9224, 15.8991

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9930, -2.4615, 42.9791 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(201, 128, 147)` looks like.

```
.text, #text, p{  
    color:rgb(201, 128, 147)  
}
```

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(201, 128, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 128, 147) }
```

Border

The CSS property to change the border of an element to YUV 151.9930, -2.4615, 42.9791 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(201, 128, 147) }
```


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

```
.border{ border-color:rgb(201, 128, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 128, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 128, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 128, 147);  
box-shadow:4px 4px 4px 4px rgb(201, 128,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 151.9930, -2.4615, 42.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 128, 147) }
```

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

```
.background{ background-color: rgb(201,  
128, 147) }
```

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