

Converting Colors

YUV(198.7370, 9.0037, 5.4927)

Have a look what the booklet for
YUV(198.7370, 9.0037, 5.4927)
contains.

YUV(198.7370, 9.0037, 5.4927)	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(198.7370, 9.0037,
5.4927)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC0D9
RGB	205, 192, 217
RGB Percent	80%, 75%, 85%
CMY	0.1961, 0.2471, 0.1490
CMYK	0.06, 0.12, 0.00, 0.15
HSL	271°, 25%, 80%
HSV	271°, 12%, 85%
XYZ	56.5509, 55.6882, 73.4140
YIQ	198.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

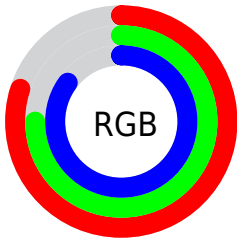
Format	Color
R _Y B	205, 192, 217
Decimal	13484249
CIE Lab	79.44, 9.17, -10.83
CIE LCh	79, 14.194, 310.266
Yxy	55.6882, 0.3046, 0.3000
Android (android.graphics.Color)	4291674329 (0xFFCDC0D9)
YUV	198.7370, 9.0037, 5.4927
Hunter-Lab	74.6245, 4.6754, -6.0911

Details

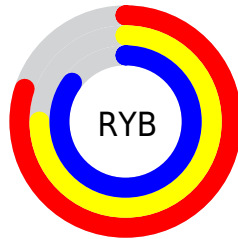
The YUV color **198.7370, 9.0037, 5.4927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210.2630, -9.0037, -5.4927**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **145.2100, 8.2775, 5.0778** is the 20% darker color. If you saturate the color by 10%, you get **182.8330, 16.8443, 10.6705**, and if you desaturate by 10%, it is **214.6410, 1.1630, 0.3148**.

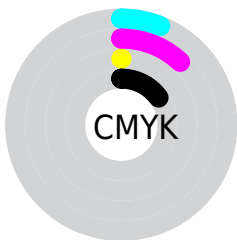
Distribution



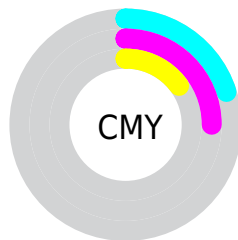
- Red (80%)
- Green (75%)
- Blue (85%)



- Red (80%)
- Yellow (75%)
- Blue (85%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.7370, 9.0037, 5.4927 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 198.7370, 9.0037, 5.4927 by changing the saturation by 10% instead.

■ 198.7370, 9.0037,
5.4927

■ 198.7370, 9.0037,
5.4927

■ 255.0000, 0.0000,
0.0000

■ 171.3240, 8.7143,
4.9779

■ 250.8910, 2.0257,
3.6036

■ 145.2100, 8.2775,
5.0778

■ 119.2100, 8.2775,
5.0778

■ 94.7970, 7.9881,
4.5630

■ 70.6830, 7.5513,
4.6630

■ 48.2700, 7.2619,
4.1482

■ 27.4440, 6.6831,

3.1186

■ 4.1880, 8.2883,
1.5891

■ 0.0000, 0.0000,
0.0000

■ 198.7370, 9.0037,
5.4927

■ 198.7370, 9.0037,
5.4927

■ 182.8330, 16.8443,
10.6705

■ 214.6410, 1.1630,
0.3148

■ 167.2170, 24.5430,
14.7187

■ 230.2570, -6.5357,
-3.7334

■ 151.3130, 32.3837,
19.8965

■ 244.9870,
-13.7976, -7.8816

■ 135.1100, 40.3718,
24.4595

■ 248.2760,
-15.4191, -1.1191

■ 119.7930, 47.9231,
29.1225

■ 250.6680,
-16.5983, 3.7992

■ 103.8890, 55.7637,
34.3003

■ 87.6860, 63.7518,
38.8634

■ 71.7820, 71.5925,
44.0412

■ 58.5250, 78.1282,
47.7746

Harmonies

Analogous

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



196.6860, 12.9728, -7.6176



198.7370, 9.0037, 5.4927



199.6090, 3.1508, 16.1289

Triad

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



198.7370, 9.0037, 5.4927



197.4830, -12.5631, 16.2394



192.5840, 4.1491, -24.1912

Complementary

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



198.7370, 9.0037, 5.4927



210.2630, -9.0037, -5.4927

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.



193.0920, -3.0034, -16.7437



198.7370, 9.0037, 5.4927



195.8300, -12.2412, 6.2881

Square

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



198.7370, 9.0037, 5.4927



198.4390, -9.0904, 22.4170



194.2630, -9.0037, -5.4927



193.0660, 9.8275, -25.4909

Rectangle

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



198.7370, 9.0037, 5.4927



199.4910, -1.2281, 20.6174



194.2630, -9.0037, -5.4927



192.6120, 1.6703, -22.4617

Sweetspot

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



198.7370, 9.0037, 5.4927



249.1080, 2.9048, 1.6593



201.8940, 7.4473, -8.6770



123.5810, 2.1786, 1.2445



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.



198.7370, 9.0037, 5.4927



228.7850, 12.9240, 8.0816



202.3250, 7.2348, 12.8700



101.7490, 4.0677, 1.9741



46.6320, 62.2994, 38.0337



12.4200, 16.5549, 10.1557

Inverse Universe

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



200.8430, 1.5564, 14.1697



231.7020, 2.1189, 20.4323



206.6750, -7.2348, -12.8700



102.8590, 0.5625, 6.2627



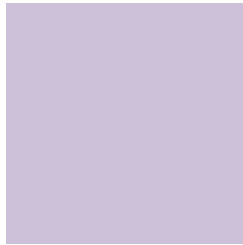
61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 198.7370, 9.0037, 5.4927 looks on a white background.

Color Contrast Check

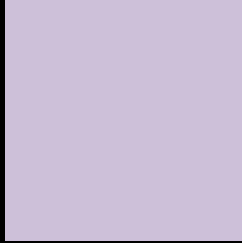
Large Text (above 18pt) WCAG AA × Fail

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 198.7370, 9.0037, 5.4927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

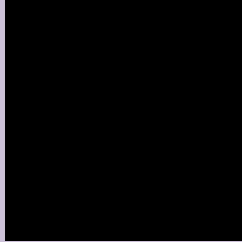
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.7370, 9.0037, 5.4927

Background



This preview shows how black text looks on a background with the YUV color 198.7370, 9.0037, 5.4927.



This preview shows how white text looks on a background with the YUV color 198.7370, 9.0037,

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

198.7370, 9.0037, 5.4927

Protanopia

197.4370, 10.6306, -3.0142

Deuteranopia

198.7480, 8.9982, 7.2370



Tritanopia

198.1130, 5.3673, 5.1629

Trichromacy



Original Color

198.7370, 9.0037, 5.4927

Protanomaly

197.9320, 9.8935, 0.0596

Deuteranomaly

198.4490, 9.1456, 6.6222

Tritanomaly

198.4550, 6.6777, 4.8630

Monochromacy



Original Color

198.7370, 9.0037, 5.4927

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7370, 9.0037, 5.4927 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(205, 192, 217)` looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 217)  
}
```

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(205, 192, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 217) }
```

Border

The CSS property to change the border of an element to YUV 198.7370, 9.0037, 5.4927 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(205, 192, 217) }
```


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

```
.border{ border-color:rgb(205, 192, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 192, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 198.7370, 9.0037, 5.4927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 192, 217) }
```

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

```
.background{ background-color: rgb(205,  
192, 217) }
```

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