

Converting Colors

YUV(149.9770, 8.3923, 14.9292)

Have a look what the booklet for
YUV(149.9770, 8.3923, 14.9292)
contains.

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Color

**YUV(149.9770, 8.3923,
14.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	A78AA7
RGB	167, 138, 167
RGB Percent	65%, 54%, 65%
CMY	0.3451, 0.4588, 0.3451
CMYK	0.00, 0.17, 0.00, 0.35
HSL	300°, 14%, 60%
HSV	300°, 17%, 65%
XYZ	31.9999, 29.1825, 40.5054
YIQ	149.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

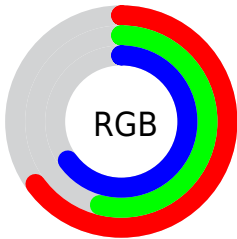
Format	Color
RYB	167, 138, 167
Decimal	10980007
CIELab	60.94, 16.19, -11.18
CIELCh	61, 19.673, 325.365
Yxy	29.1825, 0.3147, 0.2870
Android (android.graphics.Color)	4289170087 (0xFFA78AA7)
YUV	149.9770, 8.3923, 14.9292
Hunter-Lab	54.0208, 11.2003, -6.6418

Details

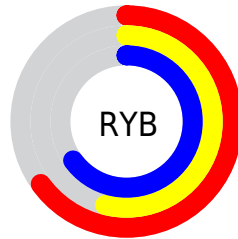
The YUV color $149.9770, 8.3923, 14.9292$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $155.0230, -8.3923, -14.9292$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.3900, 8.6817, 15.4440$, and $99.1510, 7.8136, 13.8996$ is the 20% darker color. If you saturate the color by 10%, you get $139.9980, 13.3120, 23.6808$, and if you desaturate by 10%, it is $159.9560, 3.4727, 6.1776$.

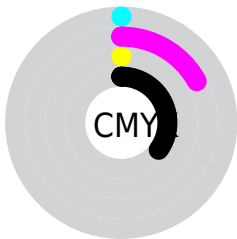
Distribution



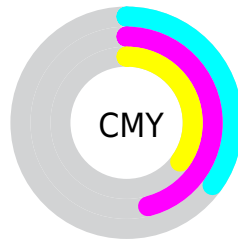
- Red (65%)
- Green (54%)
- Blue (65%)



- Red (65%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9770, 8.3923, 14.9292 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 149.9770, 8.3923, 14.9292 by changing the saturation by 10% instead.


 149.9770, 8.3923,
14.9292


 149.9770, 8.3923,
14.9292

255.0000, 0.0000,
0.0000


 123.6780, 8.5397,
14.3144


 204.3900, 8.6817,
15.4440


 99.1510, 7.8136,
13.8996


 232.2160, 9.2605,
16.4736

 74.7380, 7.5242,
13.3848

 250.8910, 2.0257,
3.6036

 52.0260, 7.3822,
12.2552

 30.6130, 7.0928,
11.7404

 10.3250, 7.2348,
12.8700

 0.0000, 0.0000,

0.0000

149.9770, 8.3923,
14.9292

149.9770, 8.3923,
14.9292

139.9980, 13.3120,
23.6808

159.9560, 3.4727,
6.1776

130.6060, 17.9422,
31.9175

169.3480, -1.1576,
-2.0592

120.6270, 22.8619,
40.6691

179.3270, -6.0772,
-10.8108

110.6480, 27.7815,
49.4207

189.3060,
-10.9969, -19.5624

100.6690, 32.7012,
58.1723

198.6980,
-15.6271, -27.7991

91.2770, 37.3314,
66.4091

208.6770,
-20.5468, -36.5507

■ 81.2980, 42.2511,
75.1607

■ 218.6560,
-25.4664, -45.3023

■ 71.3190, 47.1707,
83.9122

■ 68.9710, 48.3283,
85.9714

Harmonies

Analogous

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



148.4740, 14.5563, -2.1697



149.9770, 8.3923, 14.9292



150.1650, -0.0813, 26.1653

Triad

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



149.9770, 8.3923, 14.9292



146.7340, -16.6309, 14.2653



139.8150, 10.4442, -36.6718

Complementary

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



149.9770, 8.3923, 14.9292



155.0230, -8.3923, -14.9292

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.



140.5680, 1.6920, -29.4391



149.9770, 8.3923, 14.9292



144.2160, -14.4035, -0.1894

Square

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



149.9770, 8.3923, 14.9292



148.0820, -14.3374, 25.3611



142.5390, -7.6607, -16.2587



141.4440, 16.5431, -32.8384

Rectangle

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



149.9770, 8.3923, 14.9292



149.8080, -5.3283, 29.1094



142.5390, -7.6607, -16.2587



139.8430, 7.9654, -34.9423

Sweetspot

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



149.9770, 8.3923, 14.9292



210.5430, 3.1833, 5.6628



141.3060, 12.6671, -2.8994



105.8910, 2.0257, 3.6036



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.9770, 8.3923, 14.9292



189.9980, 13.3120, 23.6808



148.2670, 1.8404, 16.4288



79.3040, 2.3151, 4.1184



61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Inverse Universe

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



149.9770, 8.3923, 14.9292



189.9980, 13.3120, 23.6808



156.6190, -2.2772, -16.3289



79.3040, 2.3151, 4.1184



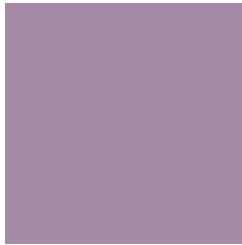
61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 149.9770, 8.3923, 14.9292 looks on a white background.

Color Contrast Check

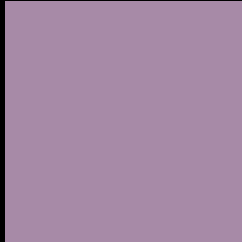
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9770, 8.3923, 14.9292 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 149.9770, 8.3923, 14.9292

Background



This preview shows how black text looks on a background with the YUV color 149.9770, 8.3923, 14.9292.



This preview shows how white text looks on a background with the YUV color 149.9770, 8.3923,

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

149.9770, 8.3923, 14.9292

Protanopia

147.7680, 11.9464, -5.0585

Deuteranopia

148.6120, 8.5723, 3.8483



Tritanopia

149.4300, 1.2670, 13.6549

Trichromacy



Original Color

149.9770, 8.3923, 14.9292

Protanomaly

148.4700, 10.6143, 2.2188

Deuteranomaly

148.9330, 8.4140, 7.9518

Tritanomaly

149.7120, 3.5930, 14.2846

Monochromacy



Original Color

149.9770, 8.3923, 14.9292

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9770, 8.3923, 14.9292 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(167, 138, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 167)  
}
```

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(167, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 167) }
```

Border

The CSS property to change the border of an element to YUV 149.9770, 8.3923, 14.9292 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(167, 138, 167) }
```


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

```
.border{ border-color:rgb(167, 138, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 149.9770, 8.3923, 14.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 167) }
```

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

```
.background{ background-color: rgb(167,  
138, 167) }
```

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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