

Converting Colors

YUV(149.7970, -1.8719,
40.5200)

Have a look what the booklet for
YUV(149.7970, -1.8719, 40.5200)
contains.

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Color

**YUV(149.7970, -1.8719,
40.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	C47F92
RGB	196, 127, 146
RGB Percent	77%, 50%, 57%
CMY	0.2314, 0.5020, 0.4275
CMYK	0.00, 0.35, 0.26, 0.23
HSL	343°, 37%, 63%
HSV	343°, 35%, 77%
XYZ	35.5426, 28.9898, 30.9164
YIQ	149.7970, 35.0250, 20.5370

Conversions

Conversions Part 2

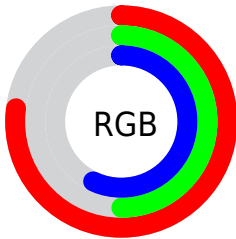
Format	Color
RYB	196, 127, 146
Decimal	12877714
CIELab	60.77, 29.31, 0.91
CIElCh	61, 29.323, 1.784
Yxy	28.9898, 0.3724, 0.3037
Android (android.graphics.Color)	4291067794 (0xFFC47F92)
YUV	149.7970, -1.8719, 40.5200
Hunter-Lab	53.8422, 23.6086, 3.6450

Details

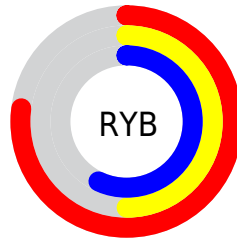
The YUV color **149.7970, -1.8719, 40.5200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173.2030, 1.8719, -40.5200**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9930, -2.4615, 42.9791**, and **98.3020, -1.1349, 37.4461** is the 20% darker color. If you saturate the color by 10%, you get **136.4610, -2.1993, 52.2157**, and if you desaturate by 10%, it is **163.1330, -1.5446, 28.8244**.

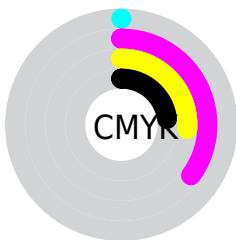
Distribution



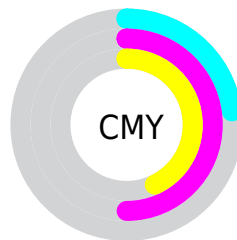
- Red (77%)
- Green (50%)
- Blue (57%)



- Red (77%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (23%)




- Cyan (23%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.7970, -1.8719, 40.5200 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 149.7970, -1.8719, 40.5200 by changing the saturation by 10% instead.


 149.7970, -1.8719,
40.5200


 149.7970, -1.8719,
40.5200

255.0000, 0.0000,
0.0000


 123.1990, -1.5771,
39.2905


 204.9930, -2.4615,
42.9791


 98.3020, -1.1349,
37.4461


 224.3330, 1.8078,
26.8950

 73.4050, -0.6927,
35.6018

 244.4340, 5.2090,
9.2664

 49.0350, 0.4757,
34.1723

 24.4910, 2.2229,
33.7724

 13.0850, -5.4649,
26.2355

 0.0000, 0.0000,

0.0000

■ 149.7970, -1.8719,
40.5200

■ 149.7970, -1.8719,
40.5200

■ 136.4610, -2.1993,
52.2157

■ 163.1330, -1.5446,
28.8244

■ 123.7120, -2.8160,
63.3966

■ 175.8820, -0.9278,
17.6435

■ 110.2620, -3.5802,
75.1922

■ 189.3320, -0.1637,
5.8478

■ 97.5130, -4.1969,
86.3731

■ 202.0810, 0.4531,
-5.3330

■ 84.1770, -4.5243,
98.0688

■ 215.4170, 0.7804,
-17.0287

■ 70.8410, -4.8516,
109.7644

■ 228.7530, 1.1078,
-28.7244

■ 64.7600, -5.3047,
115.0975

■ 236.2190, 4.3290,
-35.2721

■ 237.3590, 8.6970,
-36.2718

Harmonies

Analogous

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



150.6240, 10.5384, 26.6398



149.7970, -1.8719, 40.5200



148.4200, -13.5181, 42.6047

Triad

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



149.7970, -1.8719, 40.5200



141.8040, -19.6234, -5.9671



135.7710, 27.2279, -53.2962

Complementary

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



149.7970, -1.8719, 40.5200



173.2030, 1.8719, -40.5200

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.



130.6850, 20.8613, -64.6217



149.7970, -1.8719, 40.5200



137.9350, -8.3490, -28.8840

Square

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



149.7970, -1.8719, 40.5200



144.6820, -24.4932, 16.0649



133.6900, 6.5618, -51.4711



144.1210, 26.5623, -26.4161

Rectangle

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



149.7970, -1.8719, 40.5200



147.6660, -20.0483, 37.1269



133.6900, 6.5618, -51.4711



133.3850, 25.9392, -59.9736

Sweetspot

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



149.7970, -1.8719, 40.5200



236.2840, -0.6330, 16.4139



149.5170, 22.9161, 23.2256



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.



149.7970, -1.8719, 40.5200



183.2990, -3.1054, 62.8818



156.4360, -14.5119, 34.6976



90.3320, -0.1637, 5.8478



53.1550, -4.5134, 94.5801



10.8930, -0.9332, 19.3878

Inverse Universe

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



149.7970, -1.8719, 40.5200



183.2990, -3.1054, 62.8818



166.5640, 14.5119, -34.6976



90.3320, -0.1637, 5.8478



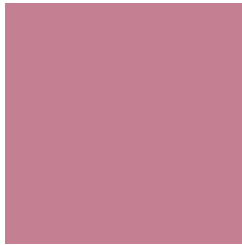
53.1550, -4.5134, 94.5801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 149.7970, -1.8719, 40.5200 looks on a white background.

Color Contrast Check

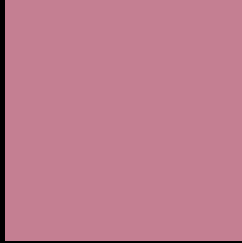
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7970, -1.8719, 40.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

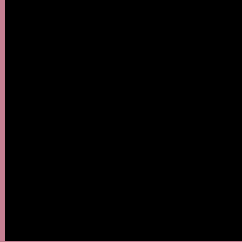
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.7970, -1.8719, 40.5200

Background



This preview shows how black text looks on a background with the YUV color 149.7970, -1.8719, 40.5200.



This preview shows how white text looks on a background with the YUV color 149.7970, -1.8719,

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

149.7970, -1.8719, 40.5200

Protanopia

147.5530, 4.6574, -0.4850

Deuteranopia

148.3930, -2.6587, 12.8103



Tritanopia

149.1730, -5.5083, 40.1903

Trichromacy



Original Color

149.7970, -1.8719, 40.5200

Protanomaly

148.3700, 2.2826, 14.5845

Deuteranomaly

149.1600, -2.5439, 22.6617

Tritanomaly

149.5150, -4.1979, 39.8903

Monochromacy



Original Color

149.7970, -1.8719, 40.5200

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2730, -0.6276, 14.6696

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7970, -1.8719, 40.5200 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(196, 127, 146)` looks like.

```
.text, #text, p{  
    color:rgb(196, 127, 146)  
}
```

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(196, 127, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 127, 146) }
```

Border

The CSS property to change the border of an element to YUV 149.7970, -1.8719, 40.5200 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(196, 127, 146) }
```


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

```
.border{ border-color:rgb(196, 127, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 127, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 127, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 127, 146);  
box-shadow:4px 4px 4px 4px rgb(196, 127,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 149.7970, -1.8719, 40.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 127, 146) }
```

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

```
.background{ background-color: rgb(196,  
127, 146) }
```

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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