

Converting Colors

YUV(172.7940, 19.3286, 7.1967)

Have a look what the booklet for
YUV(172.7940, 19.3286, 7.1967)
contains.

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Color

**YUV(172.7940, 19.3286,
7.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A1D4
RGB	181, 161, 212
RGB Percent	71%, 63%, 83%
CMY	0.2902, 0.3686, 0.1686
CMYK	0.15, 0.24, 0.00, 0.17
HSL	264°, 37%, 73%
HSV	264°, 24%, 83%
XYZ	43.6846, 40.0670, 67.7186
YIQ	172.7940, -4.4510, 20.1010

Conversions

Conversions Part 2

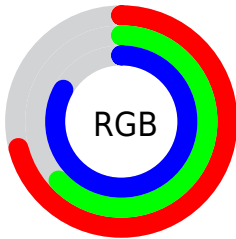
Format	Color
RYB	181, 161, 212
Decimal	11903444
CIELab	69.52, 17.25, -23.27
CIELCh	70, 28.973, 306.551
Yxy	40.0670, 0.2884, 0.2645
Android (android.graphics.Color)	4290093524 (0xFFB5A1D4)
YUV	172.7940, 19.3286, 7.1967
Hunter-Lab	63.2985, 12.4171, -19.1213

Details

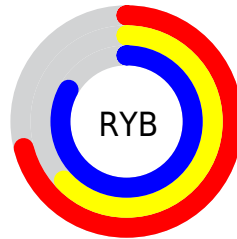
The YUV color **172.7940, 19.3286, 7.1967** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **200.2060, -19.3286, -7.1967**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7250, 13.9396, 9.0112**, and **120.1530, 18.1656, 6.8818** is the 20% darker color. If you saturate the color by 10%, you get **156.5800, 27.3221, 10.0153**, and if you desaturate by 10%, it is **189.0080, 11.3351, 4.3780**.

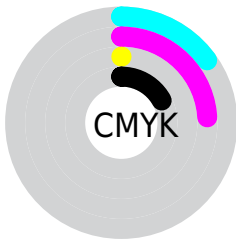
Distribution



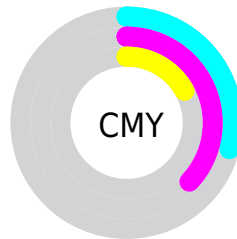
- Red (71%)
- Green (63%)
- Blue (83%)



- Red (71%)
- Yellow (63%)
- Blue (83%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7940, 19.3286, 7.1967 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 172.7940, 19.3286, 7.1967 by changing the saturation by 10% instead.

■ 172.7940, 19.3286,
7.1967

■ 172.7940, 19.3286,
7.1967

■ 255.0000, 0.0000,
0.0000

■ 146.2670, 18.6024,
6.7818

■ 226.7250, 13.9396,
9.0112

■ 120.1530, 18.1656,
6.8818

■ 248.5430, 3.1833,
5.6628

■ 95.3270, 17.5868,
5.8522

■ 71.8000, 16.8606,
5.4374

■ 48.8600, 15.8450,
4.5078

■ 27.0340, 15.2662,
3.4782

■ 7.5070, 14.5400,

3.0634

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 172.7940, 19.3286,
7.1967

■ 172.7940, 19.3286,
7.1967

■ 156.5800, 27.3221,
10.0153

■ 189.0080, 11.3351,
4.3780

■ 140.3660, 35.3156,
12.8340

■ 205.2220, 3.3416,
1.5593

■ 123.5650, 43.5985,
16.1675

■ 222.0230, -4.9413,
-1.7742

■ 107.3510, 51.5920,
18.9862

■ 238.2370,
-12.9348, -4.5928

■ 91.4360, 59.4381,
22.4196

■ 247.1080,
-17.3082, -1.8487

■ 75.2220, 67.4316,
25.2383

■ 250.0980,
-18.7823, 4.2991

■ 59.0080, 75.4251,
28.0570

■ 48.9850, 80.3664,
29.8312

Harmonies

Analogous

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



168.1540, 26.5461, -21.1831



172.7940, 19.3286, 7.1967



173.7770, 8.4909, 30.0136

Triad

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



172.7940, 19.3286, 7.1967



170.0090, -23.6684, 31.5641



156.9610, 8.8932, -52.5858

Complementary

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



172.7940, 19.3286, 7.1967



200.2060, -19.3286, -7.1967

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.



161.0700, -6.4435, -33.3874



172.7940, 19.3286, 7.1967



167.8450, -25.0666, 13.2909

Square

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



172.7940, 19.3286, 7.1967



171.5510, -15.5546, 42.4898



165.0100, -18.7389, -9.6558



156.2340, 21.5766, -60.7182

Rectangle

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



172.7940, 19.3286, 7.1967



173.9540, 0.0227, 39.5053



165.0100, -18.7389, -9.6558



158.3270, 3.7828, -46.7678

Sweetspot

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



172.7940, 19.3286, 7.1967



241.1450, 6.8305, 2.5038



185.0110, 13.3056, -21.0576



119.4500, 4.2151, 1.3593



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.



172.7940, 19.3286, 7.1967



198.1070, 28.0482, 10.4302



180.2690, 15.6434, 22.5661



98.7490, 4.0677, 1.9741



39.5270, 64.8162, 24.0938



9.9850, 16.2764, 6.1522

Inverse Universe

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



179.7830, 6.0230, 28.2543



208.2560, 8.7478, 40.9945



192.7310, -15.6434, -22.5661



100.0870, 1.4361, 6.0627



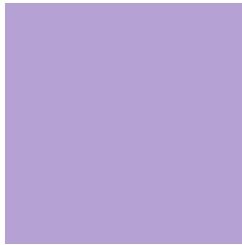
62.9850, 20.2204, 94.7292



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 172.7940, 19.3286, 7.1967 looks on a white background.

Color Contrast Check

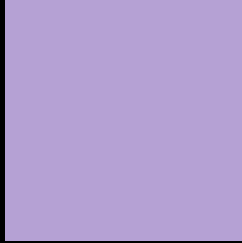
Large Text (above 18pt) WCAG AA × Fail

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 172.7940, 19.3286, 7.1967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

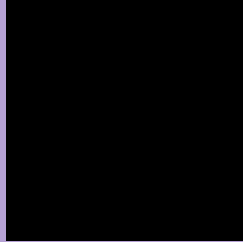
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.7940, 19.3286, 7.1967

Background



This preview shows how black text looks on a background with the YUV color 172.7940, 19.3286, 7.1967.



This preview shows how white text looks on a background with the YUV color 172.7940, 19.3286, 7.1967.

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

172.7940, 19.3286, 7.1967

Protanopia

170.2970, 23.0246, -11.6615

Deuteranopia

170.8310, 19.8033, -5.1138



Tritanopia

171.1730, 4.3517, 4.2333

Trichromacy



Original Color

172.7940, 19.3286, 7.1967

Protanomaly

170.9990, 21.6925, -4.3841

Deuteranomaly

171.4510, 19.4977, -0.3955

Tritanomaly

171.9650, 9.8773, 5.2927

Monochromacy



Original Color

172.7940, 19.3286, 7.1967

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1450, 6.8305, 2.5038

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7940, 19.3286, 7.1967 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(181, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 212)  
}
```

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(181, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 212) }
```

Border

The CSS property to change the border of an element to YUV 172.7940, 19.3286, 7.1967 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(181, 161, 212) }
```


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

```
.border{ border-color:rgb(181, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 172.7940, 19.3286, 7.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 212) }
```

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

```
.background{ background-color: rgb(181,  
161, 212) }
```

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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