

Converting Colors

YUV(149.1980, 20.1154,
34.9064)

Have a look what the booklet for
YUV(149.1980, 20.1154, 34.9064)
contains.

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Color

**YUV(149.1980, 20.1154,
34.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	BD79BE
RGB	189, 121, 190
RGB Percent	74%, 47%, 75%
CMY	0.2588, 0.5255, 0.2549
CMYK	0.01, 0.36, 0.00, 0.25
HSL	299°, 35%, 61%
HSV	299°, 36%, 75%
XYZ	37.1179, 28.2113, 52.2042
YIQ	149.1980, 18.3790, 35.8750

Conversions

Conversions Part 2

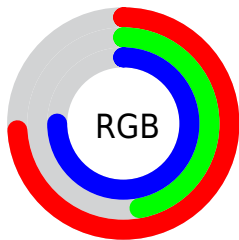
Format	Color
RYB	189, 121, 190
Decimal	12417470
CIELab	60.08, 37.54, -25.36
CIElCh	60, 45.308, 325.957
Yxy	28.2113, 0.3158, 0.2400
Android (android.graphics.Color)	4290607550 (0xFFBD79BE)
YUV	149.1980, 20.1154, 34.9064
Hunter-Lab	53.1143, 31.7913, -21.0941

Details

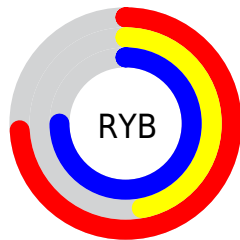
The YUV color **149.1980, 20.1154, 34.9064** is a light color, and the websafe version is hex **996699**. A complement of this color would be **161.8020, -20.1154, -34.9064**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3230, 20.5468, 36.5507**, and **96.6600, 19.3946, 32.7472** is the 20% darker color. If you saturate the color by 10%, you get **138.0450, 25.6138, 44.6875**, and if you desaturate by 10%, it is **160.3510, 14.6170, 25.1252**.

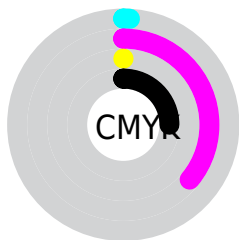
Distribution



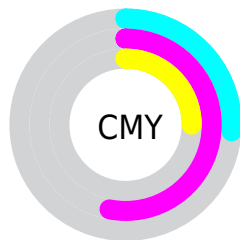
- Red (74%)
- Green (47%)
- Blue (75%)



- Red (74%)
- Yellow (47%)
- Blue (75%)



- Cyan (1%)
- Magenta (36%)
- Yellow (0%)
- Black (25%)





- Cyan (26%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.1980, 20.1154, 34.9064 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 149.1980, 20.1154, 34.9064 by changing the saturation by 10% instead.


 149.1980, 20.1154,
34.9064


 149.1980, 20.1154,
34.9064


255.0000, 0.0000,
0.0000


 122.4860, 19.9734,
33.7768


 204.3230, 20.5468,
36.5507


 96.6600, 19.3946,
32.7472


 223.8890, 15.3377,
27.2843

 71.9480, 19.2526,
31.6176

 240.9120, 6.9454,
12.3552

 46.3610, 19.5420,
32.1324

 24.5240, 18.9687,
29.3585

 16.0360, 12.3073,
19.2624

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 149.1980, 20.1154,
34.9064

■ 149.1980, 20.1154,
34.9064

■ 138.0450, 25.6138,
44.6875

■ 160.3510, 14.6170,
25.1252

■ 126.5930, 31.2597,
53.8539

■ 171.8030, 8.9711,
15.9588

■ 115.4400, 36.7581,
63.6351

■ 182.9560, 3.4727,
6.1776

■ 104.2870, 42.2565,
73.4163

■ 194.1090, -2.0257,
-3.6036

■ 93.1340, 47.7549,
83.1975

■ 205.2620, -7.5242,
-13.3848

■ 81.6820, 53.4008,
92.3639

■ 216.7140,
-13.1700, -22.5512

■ 77.5730, 55.4265,
95.9675

■ 227.8670,
-18.6684, -32.3324

■ 228.4540,
-18.9578, -32.8472

Harmonies

Analogous

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



146.1310, 34.9384, -6.2539



149.1980, 20.1154, 34.9064



146.7700, 2.5784, 59.8377

Triad

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



149.1980, 20.1154, 34.9064



141.6760, -38.7873, 27.4711



117.1470, 30.0005, -102.7379

Complementary

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



149.1980, 20.1154, 34.9064



161.8020, -20.1154, -34.9064

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.



112.5870, 12.5286, -98.7388



149.1980, 20.1154, 34.9064



137.8570, -33.4535, -3.3826

Square

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



149.1980, 20.1154, 34.9064



143.7790, -31.4430, 51.9368



130.7950, -16.1679, -41.0392



117.8600, 45.4250, -103.3632

Rectangle

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



149.1980, 20.1154, 34.9064



145.7740, -10.2416, 65.0962



130.7950, -16.1679, -41.0392



115.6650, 24.3222, -101.4382

Sweetspot

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



149.1980, 20.1154, 34.9064



231.1510, 7.8136, 13.8996



129.4530, 29.8497, -7.4133



115.6080, 4.6303, 8.2368



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.1980, 20.1154, 34.9064



183.3050, 31.4016, 54.9835



145.7350, 5.5536, 38.8204



88.7170, 2.6045, 4.6332



64.6560, 46.0186, 80.1087



12.5040, 9.1185, 15.3440

Inverse Universe

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



141.7450, -9.7343, 42.3196



171.4060, -15.4832, 66.2959



165.2650, -5.5536, -38.8204



87.6910, -1.3267, 5.5330



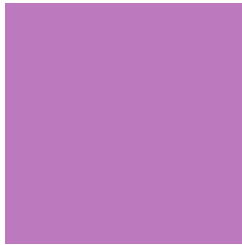
47.4700, -22.4167, 96.9348



9.2690, -4.5696, 19.0581

Previews

White Background



This preview shows how the YUV color 149.1980, 20.1154, 34.9064 looks on a white background.

Color Contrast Check

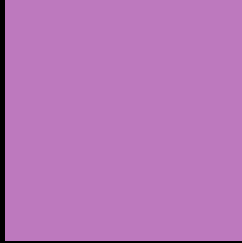
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.1980, 20.1154, 34.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

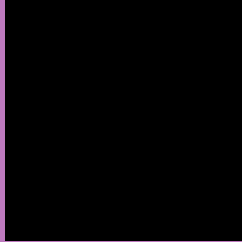
Any Text WCAG AA ✓ Pass

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 149.1980, 20.1154, 34.9064 Background



This preview shows how black text looks on a background with the YUV color 149.1980, 20.1154, 34.9064.



This preview shows how white text looks on a background with the YUV color 149.1980, 20.1154,

34.9064.

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

149.1980, 20.1154, 34.9064

Protanopia

144.9140, 30.6084, -17.4646

Deuteranopia

146.4070, 19.5193, -7.3729



Tritanopia

147.6880, -3.2972, 30.9686

Trichromacy



Original Color

149.1980, 20.1154, 34.9064

Protanomaly

146.4110, 26.9124, 1.3936

Deuteranomaly

147.5060, 19.4705, 8.3262

Tritanomaly

147.9900, 5.4279, 32.4578

Monochromacy



Original Color

149.1980, 20.1154, 34.9064

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3250, 7.2348, 12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1980, 20.1154, 34.9064 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(189, 121, 190)` looks like.

```
.text, #text, p{  
    color:rgb(189, 121, 190)  
}
```

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(189, 121, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 190) }
```

Border

The CSS property to change the border of an element to YUV 149.1980, 20.1154, 34.9064 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(189, 121, 190) }
```


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

```
.border{ border-color:rgb(189, 121, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 121, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 121, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 121, 190);  
box-shadow:4px 4px 4px 4px rgb(189, 121,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 149.1980, 20.1154, 34.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 190) }
```

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

```
.background{ background-color: rgb(189,  
121, 190) }
```

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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