

Converting Colors

YUV(133.0950, 19.6732,
36.7507)

Have a look what the booklet for
YUV(133.0950, 19.6732, 36.7507)
contains.

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Color

**YUV(133.0950, 19.6732,
36.7507)**

Conversions

Conversions Part 1

Format	Color
Hex	AF68AD
RGB	175, 104, 173
RGB Percent	69%, 41%, 68%
CMY	0.3137, 0.5922, 0.3216
CMYK	0.00, 0.41, 0.01, 0.31
HSL	302°, 31%, 55%
HSV	302°, 41%, 69%
XYZ	30.1723, 22.0317, 42.1975
YIQ	133.0950, 20.1670, 36.5110

Conversions

Conversions Part 2

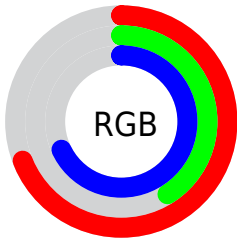
Format	Color
RYB	175, 104, 173
Decimal	11495597
CIELab	54.06, 39.10, -25.02
CIELCh	54, 46.419, 327.381
Yxy	22.0317, 0.3196, 0.2334
Android (android.graphics.Color)	4289685677 (0xFFAF68AD)
YUV	133.0950, 19.6732, 36.7507
Hunter-Lab	46.9380, 32.6007, -20.4454

Details

The YUV color **133.0950, 19.6732, 36.7507** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145.9050, -19.6732, -36.7507**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6330, 20.3939, 38.9099**, and **81.5570, 18.9524, 34.5915** is the 20% darker color. If you saturate the color by 10%, you get **122.5290, 24.8822, 46.0171**, and if you desaturate by 10%, it is **143.0740, 14.7535, 27.9991**.

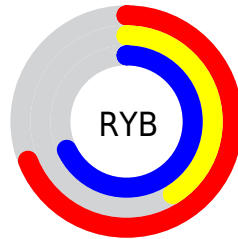
Distribution



Red (69%)

Green (41%)

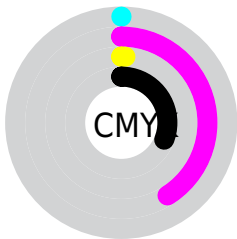
Blue (68%)



Red (69%)

Yellow (41%)

Blue (68%)

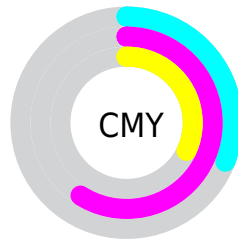


Cyan (0%)

Magenta (41%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (59%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.0950, 19.6732, 36.7507 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 133.0950, 19.6732, 36.7507 by changing the saturation by 10% instead.


 133.0950, 19.6732,
36.7507


 133.0950, 19.6732,
36.7507


255.0000, 0.0000,
0.0000

 107.2690, 19.0944,
35.7211


 187.6330, 20.3939,
38.9099

 81.5570, 18.9524,
34.5915


 213.3230, 20.5468,
36.5507


 56.2580, 19.0998,
33.9767

 229.7590, 12.4438,
22.1364

 29.0240, 20.6942,
35.9360

 246.7820, 4.0515,
7.2072

 19.3400, 14.6224,
23.3808

 8.1610, 9.2876,
7.7518

 0.0000, 0.0000,

0.0000

■ 133.0950, 19.6732,
36.7507

■ 133.0950, 19.6732,
36.7507

■ 122.5290, 24.8822,
46.0171

■ 143.0740, 14.7535,
27.9991

■ 112.4360, 29.3651,
54.8686

■ 153.7540, 9.9813,
18.6327

■ 101.8700, 34.5741,
64.1350

■ 163.7330, 5.0616,
9.8812

■ 91.7770, 39.0569,
72.9866

■ 174.4130, 0.2894,
0.5148

■ 81.2110, 44.2660,
82.2530

■ 184.9790, -4.9196,
-8.7516

■ 71.7050, 48.4594,
90.5897

■ 195.0720, -9.4025,
-17.6031

■ 205.6380,
-14.6115, -26.8695

■ 215.7310,
-19.0944, -35.7211

■ 222.1880,
-22.2777, -41.3839

Harmonies

Analogous

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



130.7290, 34.6436, -5.0243



133.0950, 19.6732, 36.7507



130.2540, 1.8468, 61.1672

Triad

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



133.0950, 19.6732, 36.7507



125.4370, -39.6554, 25.9268



106.2730, 28.9524, -93.2014

Complementary

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



133.0950, 19.6732, 36.7507



145.9050, -19.6732, -36.7507

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.



101.5990, 11.0437, -89.1023



133.0950, 19.6732, 36.7507



121.5470, -33.3007, -5.7417

Square

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



133.0950, 19.6732, 36.7507



127.5400, -32.3112, 50.3924



113.5280, -14.5573, -44.3131



106.8720, 43.9401, -93.7267

Rectangle

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



133.0950, 19.6732, 36.7507



129.0730, -10.3890, 65.7110



113.5280, -14.5573, -44.3131



104.7910, 23.2740, -91.9017

Sweetspot

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



133.0950, 19.6732, 36.7507



211.0370, 7.3768, 13.9996



112.3930, 30.8653, -6.4837



105.4940, 4.1935, 8.3368



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



133.0950, 19.6732, 36.7507



161.5010, 30.8120, 57.4426



129.1050, 4.3852, 40.2499



81.6030, 2.1677, 4.7332



61.4940, 41.6615, 77.6198



9.3850, 6.2192, 11.9404

Inverse Universe

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



133.0950, 19.6732, 36.7507



161.5010, 30.8120, 57.4426



149.8950, -4.3852, -40.2499



81.6030, 2.1677, 4.7332



61.4940, 41.6615, 77.6198



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 133.0950, 19.6732, 36.7507 looks on a white background.

Color Contrast Check

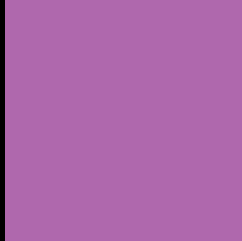
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0950, 19.6732, 36.7507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

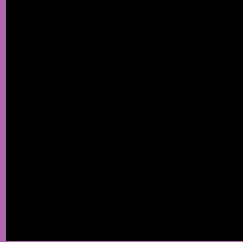
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.0950, 19.6732, 36.7507

Background



This preview shows how black text looks on a background with the YUV color 133.0950, 19.6732, 36.7507.



This preview shows how white text looks on a background with the YUV color 133.0950, 19.6732, 36.7507.

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

133.0950, 19.6732, 36.7507

Protanopia

129.2020, 30.4664, -18.5942

Deuteranopia

129.9940, 19.2300, -7.8877



Tritanopia

132.0580, -4.4656, 32.3981

Trichromacy



Original Color

133.0950, 19.6732, 36.7507



Protanomaly

130.2970, 26.4756, 1.4935



Deuteranomaly

131.3920, 19.0337, 8.4262



Tritanomaly

132.3600, 4.2595, 33.8873

Monochromacy



Original Color

133.0950, 19.6732, 36.7507



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.7380, 7.5242, 13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0950, 19.6732, 36.7507 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(175, 104, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 104, 173)  
}
```

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(175, 104, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 104, 173) }
```

Border

The CSS property to change the border of an element to YUV 133.0950, 19.6732, 36.7507 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(175, 104, 173) }
```


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

```
.border{ border-color:rgb(175, 104, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 104, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 104, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 104, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 104,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 133.0950, 19.6732, 36.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 104, 173) }
```

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

```
.background{ background-color: rgb(175,  
104, 173) }
```

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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