

Converting Colors

YUV(133.2170, 11.2320,
37.5207)

Have a look what the booklet for
YUV(133.2170, 11.2320, 37.5207)
contains.

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Color

**YUV(133.2170, 11.2320,
37.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	B06B9C
RGB	176, 107, 156
RGB Percent	69%, 42%, 61%
CMY	0.3098, 0.5804, 0.3882
CMYK	0.00, 0.39, 0.11, 0.31
HSL	317°, 30%, 55%
HSV	317°, 39%, 69%
XYZ	29.1629, 22.1458, 34.1900
YIQ	133.2170, 25.3950, 29.8670

Conversions

Conversions Part 2

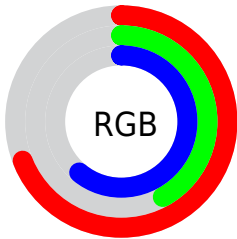
Format	Color
R _Y B	176, 107, 156
Decimal	11561884
CIE Lab	54.18, 34.73, -14.94
CIE LCh	54, 37.806, 336.729
Yxy	22.1458, 0.3411, 0.2590
Android (android.graphics.Color)	4289751964 (0xFFB06B9C)
YUV	133.2170, 11.2320, 37.5207
Hunter-Lab	47.0593, 28.2637, -10.1344

Details

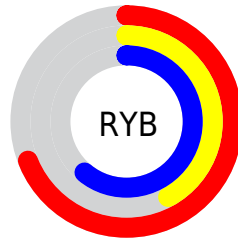
The YUV color **133.2170, 11.2320, 37.5207** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.7830, -11.2320, -37.5207**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6410, 11.5160, 39.7798**, and **81.9070, 11.3848, 35.1616** is the 20% darker color. If you saturate the color by 10%, you get **122.0810, 14.2571, 47.2870**, and if you desaturate by 10%, it is **144.3530, 8.2070, 27.7544**.

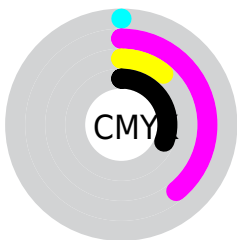
Distribution



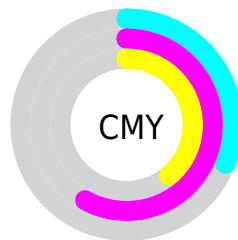
- Red (69%)
- Green (42%)
- Blue (61%)



- Red (69%)
- Yellow (42%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.2170, 11.2320, 37.5207 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 133.2170, 11.2320, 37.5207 by changing the saturation by 10% instead.

 133.2170, 11.2320,
37.5207


 133.2170, 11.2320,
37.5207


255.0000, 0.0000,
0.0000


 107.5050, 11.0900,
36.3911


 187.6410, 11.5160,
39.7798

 81.9070, 11.3848,
35.1616


 213.2600, 12.6898,
36.6060

 57.3090, 11.6797,
33.9320

 231.5200, 11.5756,
20.5920

 31.2490, 12.6952,
34.8616

 248.5430, 3.1833,
5.6628

 18.1570, 8.7966,
25.2953

 6.7500, 2.5882,
9.8663

 0.0000, 0.0000,

0.0000

■ 133.2170, 11.2320,
37.5207

■ 133.2170, 11.2320,
37.5207

■ 122.0810, 14.2571,
47.2870

■ 144.3530, 8.2070,
27.7544

■ 111.5320, 16.9927,
56.5384

■ 154.9020, 5.4713,
18.5029

■ 100.3960, 20.0178,
66.3047

■ 166.0380, 2.4463,
8.7367

■ 89.8470, 22.7534,
75.5562

■ 176.5870, -0.2894,
-0.5148

■ 78.5970, 25.3417,
85.4224

■ 187.8370, -2.8776,
-10.3810

■ 67.4610, 28.3667,
95.1887

■ 198.9730, -5.9027,
-20.1473

■ 66.8740, 28.6561,
95.7035

■ 209.5220, -8.6383,
-29.3988

■ 220.6580,
-11.6634, -39.1651

■ 225.3370,
-11.5051, -43.2685

Harmonies

Analogous

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



132.4720, 24.4173, 8.3561



133.2170, 11.2320, 37.5207



131.5920, -4.2359, 52.1008

Triad

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



133.2170, 11.2320, 37.5207



126.2490, -31.1818, 14.6906



104.2670, 31.4204, -91.4422

Complementary

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



133.2170, 11.2320, 37.5207



149.7830, -11.2320, -37.5207

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.



101.2060, 17.1534, -88.7577



133.2170, 11.2320, 37.5207



122.5490, -22.9487, -12.7595

Square

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



133.2170, 11.2320, 37.5207



128.6630, -28.9209, 36.2525



115.4060, -6.1162, -45.0831



103.7260, 42.0401, -90.9677

Rectangle

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



133.2170, 11.2320, 37.5207



130.3720, -13.9874, 53.1708



115.4060, -6.1162, -45.0831



103.7140, 26.7630, -90.9572

Sweetspot

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



133.2170, 11.2320, 37.5207



212.6520, 4.6086, 15.2142



120.8460, 27.1909, 5.3971



105.0380, 2.4463, 8.7367



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.



133.2170, 11.2320, 37.5207



162.9560, 17.2767, 58.7976



129.3410, -3.6191, 40.9199



83.4890, 1.7309, 4.8331



58.1730, 25.0577, 83.1633



9.8260, 4.0298, 14.1846

Inverse Universe

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



133.2170, 11.2320, 37.5207



162.9560, 17.2767, 58.7976



153.6590, 3.6191, -40.9199



83.4890, 1.7309, 4.8331



58.1730, 25.0577, 83.1633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 133.2170, 11.2320, 37.5207 looks on a white background.

Color Contrast Check

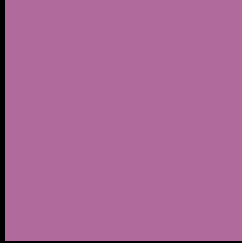
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.2170, 11.2320, 37.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

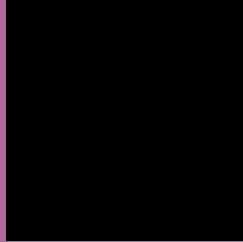
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.2170, 11.2320, 37.5207

Background



This preview shows how black text looks on a background with the YUV color 133.2170, 11.2320, 37.5207.



This preview shows how white text looks on a background with the YUV color 133.2170, 11.2320,

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

133.2170, 11.2320, 37.5207

Protanopia

129.9120, 20.2564, -10.4468

Deuteranopia

131.3450, 10.1829, 0.5744



Tritanopia

132.2540, -5.0552, 34.8572

Trichromacy



Original Color

133.2170, 11.2320, 37.5207

Protanomaly

130.9250, 17.2920, 7.0818

Deuteranomaly

132.1340, 10.2869, 13.9145

Tritanomaly

132.1600, 0.9071, 35.8167

Monochromacy



Original Color

133.2170, 11.2320, 37.5207

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.4130, 3.7404, 13.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2170, 11.2320, 37.5207 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(176, 107, 156)` looks like.

```
.text, #text, p{  
    color:rgb(176, 107, 156)  
}
```

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(176, 107, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 107, 156) }
```

Border

The CSS property to change the border of an element to YUV 133.2170, 11.2320, 37.5207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

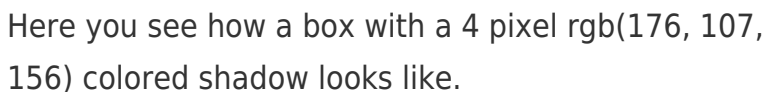
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 107, 156) }
```


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

```
.border{ border-color:rgb(176, 107, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 107, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 107, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 107, 156); box-shadow:4px 4px 4px 4px rgb(176, 107, 156) }
```

Background

The CSS property to change the background color of an element to YUV 133.2170, 11.2320, 37.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 107, 156) }
```

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

```
.background{ background-color: rgb(176,  
107, 156) }
```

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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