

Converting Colors

YUV(133.7890, -9.7560,
49.2970)

Have a look what the booklet for
YUV(133.7890, -9.7560, 49.2970)
contains.

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Color

**YUV(133.7890, -9.7560,
49.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	BE6D72
RGB	190, 109, 114
RGB Percent	75%, 43%, 45%
CMY	0.2549, 0.5725, 0.5529
CMYK	0.00, 0.43, 0.40, 0.25
HSL	356°, 38%, 59%
HSV	356°, 43%, 75%
XYZ	29.7411, 23.0993, 18.8107
YIQ	133.7890, 46.6710, 18.7270

Conversions

Conversions Part 2

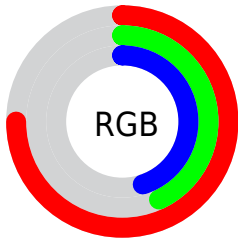
Format	Color
R_{YB}	190, 109, 114
Decimal	12479858
CIE Lab	55.17, 32.66, 11.33
CIE LCh	55, 34.571, 19.122
Yxy	23.0993, 0.4151, 0.3224
Android (android.graphics.Color)	4290669938 (0xFFBE6D72)
YUV	133.7890, -9.7560, 49.2970
Hunter-Lab	48.0618, 26.3495, 10.4380

Details

The YUV color **133.7890, -9.7560, 49.2970** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **165.2110, 9.7560, -49.2970**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4690, -11.0772, 53.0857**, and **82.2230, -7.9979, 45.4084** is the 20% darker color. If you saturate the color by 10%, you get **120.5840, -12.1199, 60.8778**, and if you desaturate by 10%, it is **146.9940, -7.3920, 37.7163**.

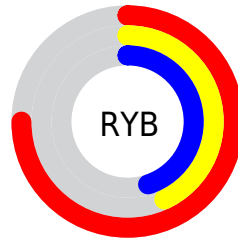
Distribution



Red (75%)

Green (43%)

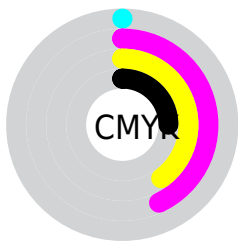
Blue (45%)



Red (75%)

Yellow (43%)

Blue (45%)

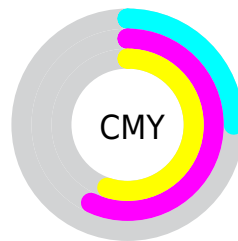


Cyan (0%)

Magenta (43%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.7890, -9.7560, 49.2970 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 133.7890, -9.7560, 49.2970 by changing the saturation by 10% instead.


 133.7890, -9.7560,
49.2970


 133.7890, -9.7560,
49.2970

255.0000, 0.0000,
0.0000


 108.0060, -8.8770,
47.3527


 188.4690,
-11.0772, 53.0857


 82.2230, -7.9979,
45.4084


 209.1900, -7.9817,
40.1754

 57.2550, -6.5347,
42.7494

 228.8180, -3.8543,
22.9616

 31.3520, -3.6245,
42.6643

 249.0330, -0.0163,
5.2331

 16.4450, -8.1074,
33.8127

 7.2900, -3.1010,
14.6547

 0.0000, 0.0000,

0.0000

■ 133.7890, -9.7560,
49.2970

■ 133.7890, -9.7560,
49.2970

■ 120.5840,
-12.1199, 60.8778

■ 146.9940, -7.3920,
37.7163

■ 107.3790,
-14.4838, 72.4586

■ 160.1990, -5.0281,
26.1355

■ 94.2880, -16.4110,
83.9394

■ 173.2900, -3.1010,
14.6547

■ 81.0830, -18.7749,
95.5202

■ 186.4950, -0.7370,
3.0739

■ 67.8780, -21.1389,
107.1010

■ 199.7000, 1.6269,
-8.5069

■ 58.1780, -22.7658,
115.6079

■ 212.9050, 3.9908,
-20.0877

■ 226.1100, 6.3548,
-31.6685

■ 235.5650, 9.5815,
-39.9605

Harmonies

Analogous

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



135.1160, 4.3798, 41.9943



133.7890, -9.7560, 49.2970



132.2430, -21.8118, 42.7599

Triad

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



133.7890, -9.7560, 49.2970



123.7310, -15.6434, -22.5661



121.8020, 33.6216, -50.6924

Complementary

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



133.7890, -9.7560, 49.2970



165.2110, 9.7560, -49.2970

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.



105.2930, 35.3516, -92.3420



133.7890, -9.7560, 49.2970



116.7130, 1.6205, -53.2453

Square

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



133.7890, -9.7560, 49.2970



127.7360, -26.4918, 3.7395



104.0900, 23.1266, -91.2869



132.2630, 27.9713, -11.6317

Rectangle

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



133.7890, -9.7560, 49.2970



131.3960, -27.3102, 32.9787



104.0900, 23.1266, -91.2869



116.0450, 34.9808, -66.6915

Sweetspot

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



133.7890, -9.7560, 49.2970



224.7960, -3.8434, 19.4729



140.9580, 24.1777, 38.6248



111.0940, -2.5113, 12.1956



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.



133.7890, -9.7560, 49.2970



159.5860, -15.0789, 76.6621



153.7640, -22.0687, 31.7790



87.6910, -1.3267, 5.5330



48.3820, -18.9223, 96.1350



9.4970, -3.6960, 18.8581

Inverse Universe

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



133.7890, -9.7560, 49.2970



159.5860, -15.0789, 76.6621



145.2360, 22.0687, -31.7790



87.6910, -1.3267, 5.5330



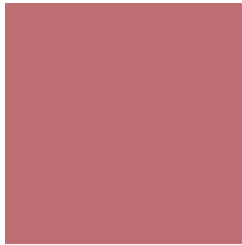
48.3820, -18.9223, 96.1350



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 133.7890, -9.7560, 49.2970 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 133.7890, -9.7560, 49.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

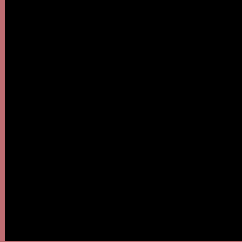
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7890, -9.7560, 49.2970

Background



This preview shows how black text looks on a background with the YUV color 133.7890, -9.7560, 49.2970.



This preview shows how white text looks on a background with the YUV color 133.7890, -9.7560,

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

133.7890, -9.7560, 49.2970

Protanopia

132.5120, -3.2104, 3.0590

Deuteranopia

132.9500, -10.8213, 17.5839



Tritanopia

134.1310, -8.4456, 48.9971

Trichromacy



Original Color

133.7890, -9.7560, 49.2970

Protanomaly

133.3400, -5.5906, 19.8728

Deuteranomaly

132.8420, -10.2751, 29.0796

Tritanomaly

134.0170, -8.8824, 49.0971

Monochromacy



Original Color

133.7890, -9.7560, 49.2970

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8990, -3.4012, 17.6286

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7890, -9.7560, 49.2970 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(190, 109, 114)` looks like.

```
.text, #text, p{  
    color:rgb(190, 109, 114)  
}
```

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(190, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 109, 114) }
```

Border

The CSS property to change the border of an element to YUV 133.7890, -9.7560, 49.2970 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(190, 109, 114) }
```


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

```
.border{ border-color:rgb(190, 109, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 109, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 109, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 109, 114);  
box-shadow:4px 4px 4px 4px rgb(190, 109,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 133.7890, -9.7560, 49.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 109, 114) }
```

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

```
.background{ background-color: rgb(190,  
109, 114) }
```

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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