

Converting Colors

YUV(167.7890, -6.7980,
-12.9700)

Have a look what the booklet for
YUV(167.7890, -6.7980, -12.9700)
contains.

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Color

**YUV(167.7890, -6.7980,
-12.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	99B29A
RGB	153, 178, 154
RGB Percent	60%, 70%, 60%
CMY	0.4000, 0.3020, 0.3961
CMYK	0.14, 0.00, 0.13, 0.30
HSL	122°, 14%, 65%
HSV	122°, 14%, 70%
XYZ	34.8900, 40.9462, 36.6364
YIQ	167.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

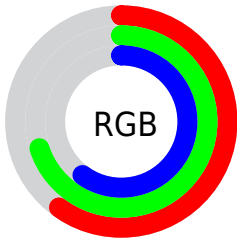
Format	Color
RYB	153, 177, 178
Decimal	10072730
CIELab	70.14, -13.28, 9.41
CIELCh	70, 16.274, 144.684
Yxy	40.9462, 0.3102, 0.3641
Android (android.graphics.Color)	4288262810 (0xFF99B29A)
YUV	167.7890, -6.7980, -12.9700
Hunter-Lab	63.9892, -14.6543, 10.8466

Details

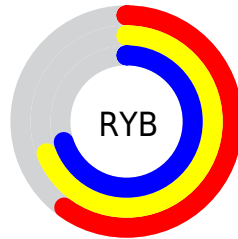
The YUV color **167.7890, -6.7980, -12.9700** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **163.2110, 6.7980, 12.9700**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2620, -7.5242, -13.3848**, and **115.6150, -6.2192, -11.9404** is the 20% darker color. If you saturate the color by 10%, you get **160.4690, -11.5702, -22.3363**, and if you desaturate by 10%, it is **175.1090, -2.0257, -3.6036**.

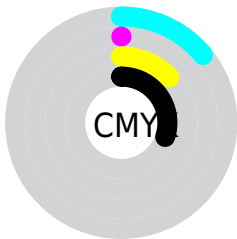
Distribution



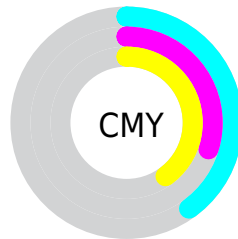
- Red (60%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (69%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7890, -6.7980, -12.9700 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 167.7890, -6.7980, -12.9700 by changing the saturation by 10% instead.

■ 167.7890, -6.7980,
-12.9700

■ 167.7890, -6.7980,
-12.9700

255.0000, 0.0000,
0.0000

■ 141.2020, -6.5086,
-12.4552

■ 223.2620, -7.5242,
-13.3848

■ 115.6150, -6.2192,
-11.9404

■ 247.2670, -5.0616,
-9.8812

■ 91.0280, -5.9298,
-11.4256

■ 67.1420, -5.4930,
-11.5255

■ 44.5550, -5.2036,
-11.0107

■ 23.8540, -5.3510,
-10.3960

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 167.7890, -6.7980,
-12.9700

■ 167.7890, -6.7980,
-12.9700

■ 160.4690,
-11.5702, -22.3363

■ 175.1090, -2.0257,
-3.6036

■ 153.1490,
-16.3425, -31.7027

■ 182.4290, 2.7465,
5.7628

■ 146.1280,
-21.2621, -40.4543

■ 189.4500, 7.6662,
14.5144

■ 138.8080,
-26.0343, -49.8206

■ 196.7700, 12.4384,
23.8807

■ 131.4880,
-30.8066, -59.1870

■ 204.0900, 17.2106,
33.2471

■ 124.0540,
-36.0156, -68.4534

■ 209.8010, 22.2831,
39.6395

■ 116.7340,
-40.7879, -77.8197

■ 109.7130,
-45.7075, -86.5713

■ 105.2840,
-48.4540, -92.3341

Harmonies

Analogous

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



169.3840, -12.5143, 0.5402



167.7890, -6.7980, -12.9700



166.3730, 0.8021, -24.0061

Triad

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



167.7890, -6.7980, -12.9700



170.3860, 14.5997, -16.1245



174.0310, -6.9173, 25.4058

Complementary

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



167.7890, -6.7980, -12.9700



163.2110, 6.7980, 12.9700

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.



174.2570, 0.3663, 22.5766



167.7890, -6.7980, -12.9700



172.9040, 12.3723, -1.6698

Square

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



167.7890, -6.7980, -12.9700



167.6790, 13.4693, -26.9055



174.0260, 7.3822, 12.2552



172.9290, -12.2900, 21.9873

Rectangle

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



167.7890, -6.7980, -12.9700



166.0180, 5.9071, -28.0798



174.0260, 7.3822, 12.2552



174.0140, -4.4439, 25.4207

Sweetspot

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



167.7890, -6.7980, -12.9700



228.2830, -2.6045, -4.6332



174.8510, -10.7725, 1.8847



114.6360, -1.2995, -3.1888



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



167.7890, -6.7980, -12.9700



216.0070, -10.8495, -20.1771



169.1570, -1.5564, -14.1697



85.3970, -2.1677, -4.7332



90.4950, -41.6560, -79.3641



15.3760, -7.0874, -13.4848

Inverse Universe

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



163.2110, 6.7980, 12.9700



208.8790, 10.4127, 20.2771



161.8430, 1.5564, 14.1697



83.7170, 2.6045, 4.6332



62.5050, 41.6560, 79.3641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 167.7890, -6.7980, -12.9700 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 167.7890, -6.7980, -12.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

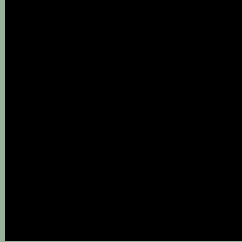
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

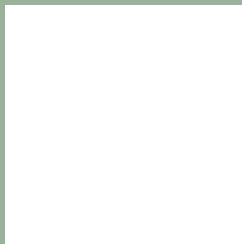
Any Text WCAG AAA ✓ Pass

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

YUV 167.7890, -6.7980, -12.9700 Background



This preview shows how black text looks on a background with the YUV color 167.7890, -6.7980, -12.9700.



This preview shows how white text looks on a background with the YUV color 167.7890, -6.7980,

-12.9700.

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

167.7890, -6.7980, -12.9700

Protanopia

170.9980, -10.3520, 7.0178

Deuteranopia

172.4600, -7.6218, 18.0136



Tritanopia

170.1110, 8.3263, -10.6213

Trichromacy



Original Color

167.7890, -6.7980, -12.9700

Protanomaly

170.1820, -9.4567, -0.1596

Deuteranomaly

170.7960, -7.2944, 6.3179

Tritanomaly

169.3190, 2.8007, -11.6808

Monochromacy



Original Color

167.7890, -6.7980, -12.9700

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7890, -6.7980, -12.9700 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(153, 178, 154)` looks like.

```
.text, #text, p{  
    color:rgb(153, 178, 154)  
}
```

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(153, 178, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 178, 154) }
```

Border

The CSS property to change the border of an element to YUV 167.7890, -6.7980, -12.9700 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(153, 178, 154) }
```


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

```
.border{ border-color:rgb(153, 178, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 178, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 178, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 178, 154);  
box-shadow:4px 4px 4px 4px rgb(153, 178,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 167.7890, -6.7980, -12.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 178, 154) }
```

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

```
.background{ background-color: rgb(153,  
178, 154) }
```

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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