

Converting Colors

YUV(168.8710, 12.3886,
-6.9029)

Have a look what the booklet for
YUV(168.8710, 12.3886, -6.9029)
contains.

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Color

**YUV(168.8710, 12.3886,
-6.9029)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A8C2
RGB	161, 168, 194
RGB Percent	63%, 66%, 76%
CMY	0.3686, 0.3412, 0.2392
CMYK	0.17, 0.13, 0.00, 0.24
HSL	227°, 21%, 70%
HSV	227°, 17%, 76%
XYZ	38.4382, 39.4774, 56.6329
YIQ	168.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

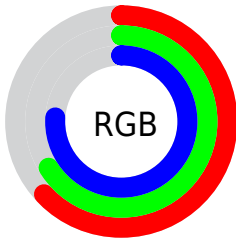
Format	Color
R _Y B	161, 167, 194
Decimal	10594498
CIE Lab	69.10, 2.96, -14.13
CIE LCh	69, 14.432, 281.840
Yxy	39.4774, 0.2857, 0.2934
Android (android.graphics.Color)	4288784578 (0xFFA1A8C2)
YUV	168.8710, 12.3886, -6.9029
Hunter-Lab	62.8310, -0.7532, -9.4595

Details

The YUV color **168.8710, 12.3886, -6.9029** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.1290, -12.3886, 6.9029**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0990, 13.2622, -7.1028**, and **116.6430, 11.5150, -6.7029** is the 20% darker color. If you saturate the color by 10%, you get **154.3850, 19.5302, -10.8616**, and if you desaturate by 10%, it is **183.3570, 5.2470, -2.9441**.

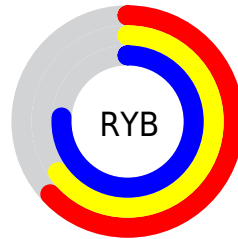
Distribution



Red (63%)

Green (66%)

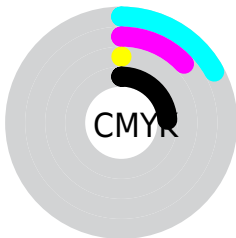
Blue (76%)



Red (63%)

Yellow (65%)

Blue (76%)

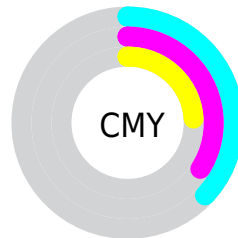


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (37%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8710, 12.3886, -6.9029 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 168.8710, 12.3886, -6.9029 by changing the saturation by 10% instead.

■ 168.8710, 12.3886,
-6.9029

■ 168.8710, 12.3886,
-6.9029

■ 255.0000, 0.0000,
0.0000

■ 142.7570, 11.9518,
-6.8029

■ 224.0990, 13.2622,
-7.1028

■ 116.6430, 11.5150,
-6.7029

■ 250.2490, 2.3422,
-4.6034

■ 92.2300, 11.2256,
-7.2177

■ 68.4150, 10.6414,
-6.5030

■ 46.0020, 10.3520,
-7.0178

■ 24.8880, 9.9152,
-6.9178

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 168.8710, 12.3886,
-6.9029

■ 168.8710, 12.3886,
-6.9029

■ 154.3850, 19.5302,
-10.8616

■ 183.3570, 5.2470,
-2.9441

■ 139.0130, 27.1086,
-14.9204

■ 198.7290, -2.3314,
1.1147

■ 124.5270, 34.2502,
-18.8792

■ 213.2150, -9.4730,
5.0734

■ 109.7420, 41.5392,
-23.4527

■ 228.0000,
-16.7620, 9.6470

■ 95.2560, 48.6808,
-27.4115

■ 241.5890,
-23.4614, 11.7614

■ 80.1830, 56.1118,
-30.8555

■ 248.0460,
-26.6447, 6.0987

■ 65.3980, 63.4008,
-35.4290

■ 50.9120, 70.5424,
-39.3878

■ 46.1830, 72.8738,
-40.5025

Harmonies

Analogous

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



166.3210, 13.1527, -18.6985



168.8710, 12.3886, -6.9029



170.6230, 8.5669, 5.5926

Triad

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



168.8710, 12.3886, -6.9029



170.1400, -8.9430, 21.8022



164.9070, -2.4192, -17.4584

Complementary

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



168.8710, 12.3886, -6.9029



186.1290, -12.3886, 6.9029

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.



166.0780, -8.4195, -6.2074



168.8710, 12.3886, -6.9029



169.1840, -12.4157, 15.6246

Square

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



168.8710, 12.3886, -6.9029



171.2200, -3.5595, 21.7321



167.5310, -12.0938, 5.6733



163.6980, 4.5859, -24.2911

Rectangle

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



168.8710, 12.3886, -6.9029



171.0540, 4.9034, 13.9846



167.5310, -12.0938, 5.6733



165.0600, -4.4666, -14.0846

Sweetspot

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



168.8710, 12.3886, -6.9029



243.1290, 4.3734, -2.7441



183.3350, 1.8068, -19.5878



121.4990, 3.2050, -1.3146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



168.8710, 12.3886, -6.9029



214.1570, 18.6566, -10.6617



167.4530, 13.0877, 2.2337



89.3140, 3.7892, -2.0294



38.3120, 60.4852, -33.5996



7.8710, 12.3886, -6.9029

Inverse Universe

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



171.6650, -1.8068, 19.5878



218.2040, -2.5656, 29.6391



187.5470, -13.0877, -2.2337



90.2180, -0.6005, 5.9478



52.0150, -8.8814, 95.5798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 168.8710, 12.3886, -6.9029 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 168.8710, 12.3886, -6.9029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

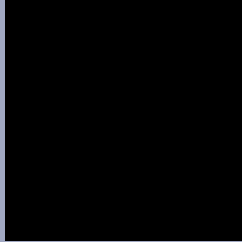
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.8710, 12.3886, -6.9029

Background



This preview shows how black text looks on a background with the YUV color 168.8710, 12.3886, -6.9029.



This preview shows how white text looks on a background with the YUV color 168.8710, 12.3886, -6.9029.

-6.9029.

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

168.8710, 12.3886, -6.9029

Protanopia

169.0670, 11.7990, -4.4438

Deuteranopia

169.9260, 12.3615, 1.8189



Tritanopia

168.1930, 7.2999, -8.0623

Trichromacy



Original Color

168.8710, 12.3886, -6.9029

Protanomaly

168.7680, 11.9464, -5.0585

Deuteranomaly

169.3170, 12.6617, -1.1550

Tritanomaly

168.3610, 9.1890, -7.3326

Monochromacy



Original Color

168.8710, 12.3886, -6.9029

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8710, 12.3886, -6.9029 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(161, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 168, 194)  
}
```

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(161, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 168, 194) }
```

Border

The CSS property to change the border of an element to YUV 168.8710, 12.3886, -6.9029 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(161, 168, 194) }
```


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

```
.border{ border-color:rgb(161, 168, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 168, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 168,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 168.8710, 12.3886, -6.9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 168, 194) }
```

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

```
.background{ background-color: rgb(161,  
168, 194) }
```

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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