

Converting Colors

YUV(170.0240, 13.7922, 9.6260)

Have a look what the booklet for
YUV(170.0240, 13.7922, 9.6260)
contains.

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Color

**YUV(170.0240, 13.7922,
9.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	B59FC6
RGB	181, 159, 198
RGB Percent	71%, 62%, 78%
CMY	0.2902, 0.3765, 0.2235
CMYK	0.09, 0.20, 0.00, 0.22
HSL	274°, 25%, 70%
HSV	274°, 20%, 78%
XYZ	41.6472, 38.6972, 58.7003
YIQ	170.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

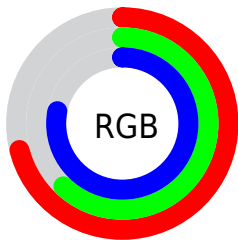
Format	Color
RYB	181, 159, 198
Decimal	11902918
CIELab	68.53, 15.41, -17.03
CIELCh	69, 22.968, 312.136
Yxy	38.6972, 0.2995, 0.2783
Android (android.graphics.Color)	4290092998 (0xFFB59FC6)
YUV	170.0240, 13.7922, 9.6260
Hunter-Lab	62.2071, 10.6421, -12.4027

Details

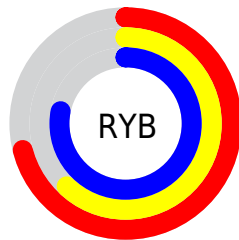
The YUV color $170.0240, 13.7922, 9.6260$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $186.9760, -13.7922, -9.6260$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.5510, 14.5184, 10.0408$, and $117.4970, 13.0660, 9.2111$ is the 20% darker color. If you saturate the color by 10%, you get $155.5930, 20.9067, 14.3889$, and if you desaturate by 10%, it is $184.4550, 6.6777, 4.8630$.

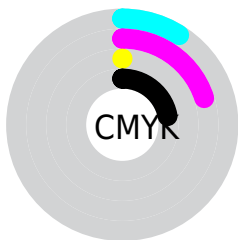
Distribution



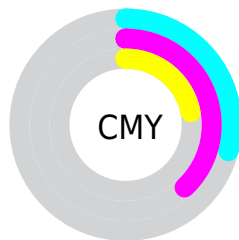
- Red (71%)
- Green (62%)
- Blue (78%)



- Red (71%)
- Yellow (62%)
- Blue (78%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)





- Cyan (29%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.0240, 13.7922, 9.6260 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 170.0240, 13.7922, 9.6260 by changing the saturation by 10% instead.


 170.0240, 13.7922,
9.6260

 170.0240, 13.7922,
9.6260


255.0000, 0.0000,
0.0000


 143.6110, 13.5028,
9.1112


 225.5510, 14.5184,
10.0408


 117.4970, 13.0660,
9.2111

 247.3690, 3.7621,
6.6924

 92.9700, 12.3398,
8.7963

 69.2580, 12.1978,
7.6667

 46.7310, 11.4716,
7.2519

 25.2040, 10.7454,
6.8371

 5.1710, 10.7617,

1.6040

■ 0.0000, 0.0000,
0.0000

■ 170.0240, 13.7922,
9.6260

■ 170.0240, 13.7922,
9.6260

■ 155.5930, 20.9067,
14.3889

■ 184.4550, 6.6777,
4.8630

■ 141.4610, 27.8737,
19.7667

■ 198.5870, -0.2894,
-0.5148

■ 127.6170, 34.6988,
24.0149

■ 212.4310, -7.1145,
-4.7630

■ 113.1860, 41.8133,
28.7779

■ 226.8620,
-14.2290, -9.5260

■ 99.0540, 48.7804,
34.1556

■ 239.2330,
-20.3279, -13.3593

■ 84.6230, 55.8949,
38.9186

■ 241.9240,
-21.6545, -7.8263

■ 70.4910, 62.8619,
44.2964

■ 244.3160,
-22.8338, -2.9081

■ 56.6470, 69.6870,
48.5446

■ 247.0070,
-24.1605, 2.6249

■ 56.0600, 69.9764,
49.0594

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



167.0860, 19.6776, -11.4764



170.0240, 13.7922, 9.6260



171.0170, 4.4286, 26.2951

Triad

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



170.0240, 13.7922, 9.6260



167.6920, -19.5682, 23.0721



158.2120, 8.2765, -41.4049

Complementary

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



170.0240, 13.7922, 9.6260



186.9760, -13.7922, -9.6260

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.



160.3140, -3.1128, -28.3394



170.0240, 13.7922, 9.6260



165.0060, -19.2300, 7.8877

Square

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



170.0240, 13.7922, 9.6260



168.8380, -14.2171, 33.4681



162.7910, -13.2080, -10.3407



158.6060, 17.4492, -43.5045

Rectangle

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



170.0240, 13.7922, 9.6260



170.3400, -2.1396, 33.0278



162.7910, -13.2080, -10.3407



158.6100, 4.6293, -38.2460

Sweetspot

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



170.0240, 13.7922, 9.6260



244.1020, 5.3727, 3.4185



174.0120, 11.8261, -13.1655



121.5210, 3.1941, 2.1741



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.



170.0240, 13.7922, 9.6260



211.1200, 21.6328, 14.8038



174.8790, 10.4127, 20.2771



92.5210, 3.1941, 2.1741



46.0900, 57.6366, 40.2631



10.0840, 12.7766, 8.6963

Inverse Universe

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



172.5990, 1.6767, 22.2767



215.2030, 2.3649, 34.9020



182.1210, -10.4127, -20.2771



93.1470, 0.4205, 5.1331



56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 170.0240, 13.7922, 9.6260 looks on a white background.

Color Contrast Check

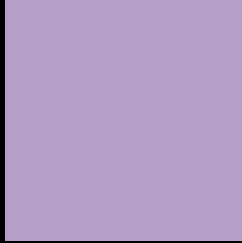
Large Text (above 18pt) WCAG AA × Fail

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 170.0240, 13.7922, 9.6260 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 170.0240, 13.7922, 9.6260

Background



This preview shows how black text looks on a background with the YUV color 170.0240, 13.7922, 9.6260.



This preview shows how white text looks on a background with the YUV color 170.0240, 13.7922, 9.6260.

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

170.0240, 13.7922, 9.6260

Protanopia

168.1250, 17.1934, -8.0026

Deuteranopia

168.6700, 13.9667, 0.2894



Tritanopia

168.6680, 3.6147, 7.3072

Trichromacy



Original Color

170.0240, 13.7922, 9.6260

Protanomaly

168.5280, 16.0087, -1.3401

Deuteranomaly

169.2790, 13.6665, 3.2633

Tritanomaly

169.2920, 7.2510, 7.6369

Monochromacy



Original Color

170.0240, 13.7922, 9.6260

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0240, 13.7922, 9.6260 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(181, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 198)  
}
```

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(181, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 198) }
```

Border

The CSS property to change the border of an element to YUV 170.0240, 13.7922, 9.6260 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(181, 159, 198) }
```


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

```
.border{ border-color:rgb(181, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 159,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 170.0240, 13.7922, 9.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 159, 198) }
```

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

```
.background{ background-color: rgb(181,  
159, 198) }
```

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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