

Converting Colors

YUV(122.2130, 20.6010,
19.1072)

Have a look what the booklet for
YUV(122.2130, 20.6010, 19.1072)
contains.

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Color

**YUV(122.2130, 20.6010,
19.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	9067A4
RGB	144, 103, 164
RGB Percent	56%, 40%, 64%
CMY	0.4353, 0.5961, 0.3569
CMYK	0.12, 0.37, 0.00, 0.36
HSL	280°, 25%, 52%
HSV	280°, 37%, 64%
XYZ	23.0527, 18.3101, 37.4412
YIQ	122.2130, 4.8550, 27.6630

Conversions

Conversions Part 2

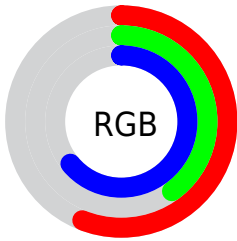
Format	Color
R_{YB}	144, 103, 164
Decimal	9463716
CIE _{Lab}	49.87, 27.89, -26.55
CIE _{LCh}	50, 38.507, 316.414
Yxy	18.3101, 0.2925, 0.2324
Android (android.graphics.Color)	4287653796 (0xFF9067A4)
YUV	122.2130, 20.6010, 19.1072
Hunter-Lab	42.7903, 21.2813, -21.9250

Details

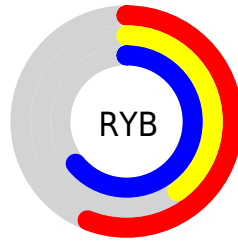
The YUV color **122.2130, 20.6010, 19.1072** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.7870, -20.6010, -19.1072**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4520, 21.4692, 20.6516**, and **72.5610, 19.4434, 17.0480** is the 20% darker color. If you saturate the color by 10%, you get **111.3260, 25.9683, 24.2701**, and if you desaturate by 10%, it is **133.1000, 15.2337, 13.9443**.

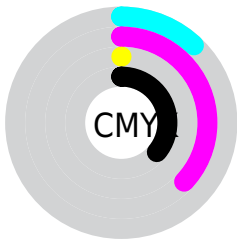
Distribution



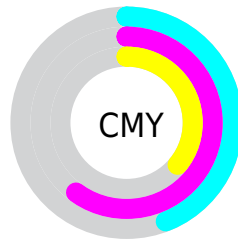
- Red (56%)
- Green (40%)
- Blue (64%)



- Red (56%)
- Yellow (40%)
- Blue (64%)



- Cyan (12%)
- Magenta (37%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2130, 20.6010, 19.1072 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 122.2130, 20.6010, 19.1072 by changing the saturation by 10% instead.

■ 122.2130, 20.6010,
19.1072

■ 122.2130, 20.6010,
19.1072

255.0000, 0.0000,
0.0000

■ 96.8000, 20.3116,
18.5924

■ 175.4520, 21.4692,
20.6516

■ 72.5610, 19.4434,
17.0480

■ 202.9790, 22.1954,
21.0664

■ 49.0340, 18.7172,
16.6332

■ 228.5850, 13.0226,
23.1660

■ 26.3220, 18.5753,
15.5036

■ 245.0210, 4.9196,
8.7516

■ 12.8610, 14.3655,
12.3999

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 122.2130, 20.6010,
19.1072

■ 122.2130, 20.6010,
19.1072

■ 111.3260, 25.9683,
24.2701

■ 133.1000, 15.2337,
13.9443

■ 99.5530, 31.7724,
29.3330

■ 144.8730, 9.4296,
8.8814

■ 88.6660, 37.1397,
34.4959

■ 155.7600, 4.0623,
3.7185

■ 76.8930, 42.9438,
39.5588

■ 167.5330, -1.7418,
-1.3444

■ 66.0060, 48.3110,
44.7217

■ 178.4200, -7.1091,
-6.5073

■ 55.1190, 53.6783,
49.8846

■ 189.3070,
-12.4764, -11.6702

■ 51.5860, 55.4201,
51.2291

■ 201.0800,
-18.2804, -16.7332

■ 211.9670,
-23.6477, -21.8961

■ 223.4410,
-29.3044, -27.5738

Harmonies

Analogous

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



117.7290, 31.1926, -18.1793



122.2130, 20.6010, 19.1072



121.4090, 6.7004, 44.3683

Triad

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



122.2130, 20.6010, 19.1072



117.0490, -31.0832, 29.7750



94.7490, 20.3367, -83.0949

Complementary

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



122.2130, 20.6010, 19.1072



144.7870, -20.6010, -19.1072

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.



98.0600, 1.9424, -63.1966



122.2130, 20.6010, 19.1072



113.8350, -29.9917, 6.2837

Square

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



122.2130, 20.6010, 19.1072



118.4500, -22.4068, 46.9634



109.3350, -18.4062, -23.0958



96.8810, 33.5827, -84.9646

Rectangle

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



122.2130, 20.6010, 19.1072



120.1190, -3.5097, 52.5156



109.3350, -18.4062, -23.0958



93.4950, 15.5320, -81.9951

Sweetspot

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



122.2130, 20.6010, 19.1072



198.1070, 7.8352, 6.9222



121.6940, 20.8569, -16.3946



97.5860, 4.6411, 4.7481



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



122.2130, 20.6010, 19.1072



148.3790, 32.3512, 30.3626



127.0530, 13.2849, 32.4025



75.8200, 3.0467, 2.7889



45.8320, 48.8898, 45.7513



5.6400, 6.0935, 5.5777

Inverse Universe

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



123.5190, -0.2559, 35.5018



150.2380, -0.6103, 55.9193



139.9470, -13.2849, -32.4025



76.0330, -0.0163, 5.2331



48.8270, -0.4077, 84.3437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 122.2130, 20.6010, 19.1072 looks on a white background.

Color Contrast Check

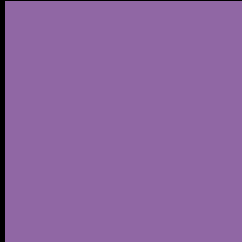
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.2130, 20.6010, 19.1072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

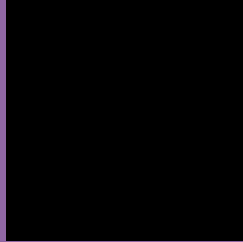
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.2130, 20.6010, 19.1072

Background



This preview shows how black text looks on a background with the YUV color 122.2130, 20.6010, 19.1072.



This preview shows how white text looks on a background with the YUV color 122.2130, 20.6010,

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

122.2130, 20.6010, 19.1072

Protanopia

118.2300, 27.9876, -16.8647

Deuteranopia

118.7270, 20.8406, -11.1616



Tritanopia

120.5010, 0.2460, 14.4696

Trichromacy



Original Color

122.2130, 20.6010, 19.1072

Protanomaly

119.6230, 25.3289, -4.0544

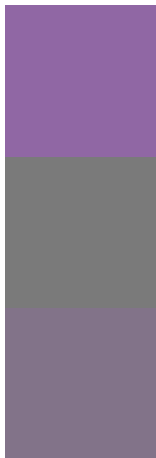
Deuteranomaly

120.0920, 20.6606, -0.0807

Tritanomaly

121.4610, 7.6607, 16.2587

Monochromacy



Original Color

122.2130, 20.6010, 19.1072

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9930, 7.3985, 7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2130, 20.6010, 19.1072 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(144, 103, 164)` looks like.

```
.text, #text, p{  
    color:rgb(144, 103, 164)  
}
```

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(144, 103, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 103, 164) }
```

Border

The CSS property to change the border of an element to YUV 122.2130, 20.6010, 19.1072 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(144, 103, 164) }
```


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

```
.border{ border-color:rgb(144, 103, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 103, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 103, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 103, 164);  
box-shadow:4px 4px 4px 4px rgb(144, 103,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 122.2130, 20.6010, 19.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 103, 164) }
```

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

```
.background{ background-color: rgb(144,  
103, 164) }
```

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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