

Converting Colors

YUV(129.8210, 21.7802,
14.1890)

Have a look what the booklet for
YUV(129.8210, 21.7802, 14.1890)
contains.

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Color

**YUV(129.8210, 21.7802,
14.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	9271AE
RGB	146, 113, 174
RGB Percent	57%, 44%, 68%
CMY	0.4275, 0.5569, 0.3176
CMYK	0.16, 0.35, 0.00, 0.32
HSL	272°, 27%, 56%
HSV	272°, 35%, 68%
XYZ	25.3992, 20.9772, 42.7547
YIQ	129.8210, 0.0870, 25.9670

Conversions

Conversions Part 2

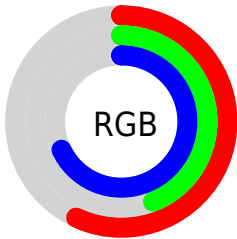
Format	Color
R _Y B	146, 113, 174
Decimal	9597358
CIE _{Lab}	52.92, 24.97, -27.62
CIE _{LCh}	53, 37.231, 312.112
Yxy	20.9772, 0.2850, 0.2354
Android (android.graphics.Color)	4287787438 (0xFF9271AE)
YUV	129.8210, 21.7802, 14.1890
Hunter-Lab	45.8009, 18.8366, -23.2860

Details

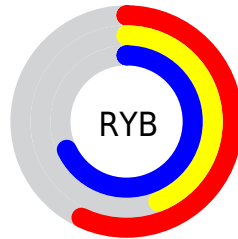
The YUV color **129.8210, 21.7802, 14.1890** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **157.1790, -21.7802, -14.1890**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1740, 23.0852, 15.6334**, and **79.4680, 20.4753, 12.7446** is the 20% darker color. If you saturate the color by 10%, you get **117.4500, 27.8791, 18.0223**, and if you desaturate by 10%, it is **142.1920, 15.6813, 10.3556**.

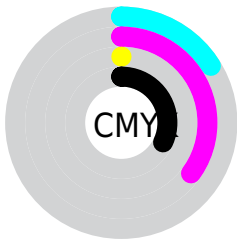
Distribution



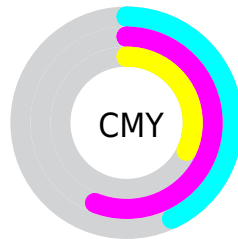
- Red (57%)
- Green (44%)
- Blue (68%)



- Red (57%)
- Yellow (44%)
- Blue (68%)



- Cyan (16%)
- Magenta (35%)
- Yellow (0%)
- Black (32%)



- Cyan (43%)
- Magenta (56%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8210, 21.7802, 14.1890 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 129.8210, 21.7802, 14.1890 by changing the saturation by 10% instead.

129.8210, 21.7802,
14.1890

129.8210, 21.7802,
14.1890

255.0000, 0.0000,
0.0000

104.2940, 21.0541,
13.7742

183.1740, 23.0852,
15.6334

79.4680, 20.4753,
12.7446

210.2450, 22.0642,
16.4481

56.5280, 19.4597,
11.8149

234.4550, 10.1287,
18.0180

33.7020, 18.8809,
10.7853

251.4780, 1.7363,
3.0888

13.1750, 18.1547,
10.3705

3.7790, 11.9410,
-3.3142

0.0000, 0.0000,

0.0000

■ 129.8210, 21.7802,
14.1890

■ 129.8210, 21.7802,
14.1890

■ 117.4500, 27.8791,
18.0223

■ 142.1920, 15.6813,
10.3556

■ 104.4920, 34.2674,
22.3705

■ 155.1500, 9.2930,
6.0074

■ 92.1210, 40.3663,
26.2039

■ 167.5210, 3.1941,
2.1741

■ 79.1630, 46.7546,
30.5520

■ 180.4790, -3.1941,
-2.1741

■ 66.7920, 52.8535,
34.3854

■ 192.8500, -9.2930,
-6.0074

■ 54.4210, 58.9524,
38.2188

■ 205.2210,
-15.3920, -9.8408

47.9420, 62.1466,
40.3929

218.1790,
-21.7802, -14.1890

230.5500,
-27.8791, -18.0223

234.7030,
-29.9266, -14.6485

Harmonies

Analogous

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



124.2230, 31.9351, -22.9976



129.8210, 21.7802, 14.1890



129.8430, 8.4584, 40.4797

Triad

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



129.8210, 21.7802, 14.1890



125.1140, -29.6362, 32.3490



99.7870, 19.3320, -87.5132

Complementary

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



129.8210, 21.7802, 14.1890



157.1790, -21.7802, -14.1890

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.



110.9860, -2.4581, -51.7307



129.8210, 21.7802, 14.1890



122.5580, -29.8551, 9.1576

Square

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



129.8210, 21.7802, 14.1890



126.9170, -20.6651, 48.3078



118.4990, -20.4590, -17.9776



101.9190, 32.5779, -89.3830

Rectangle

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



129.8210, 21.7802, 14.1890



128.5640, -1.7571, 50.3714



118.4990, -20.4590, -17.9776



98.5330, 14.5272, -86.4134

Sweetspot

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



129.8210, 21.7802, 14.1890



208.7370, 9.0037, 5.4927



136.3900, 18.5417, -20.5130



104.1020, 5.3727, 3.4185



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



129.8210, 21.7802, 14.1890



158.0790, 33.9781, 21.8557



137.9650, 16.7793, 31.6027



80.5210, 3.1941, 2.1741



41.3190, 53.5797, 34.8002



6.2100, 8.2775, 5.0778

Inverse Universe

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



134.4310, 3.2385, 34.7020



165.3070, 4.7786, 54.1048



149.0350, -16.7793, -31.6027



81.1470, 0.4205, 5.1331



52.7160, 8.0280, 85.3181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 129.8210, 21.7802, 14.1890 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 129.8210, 21.7802, 14.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

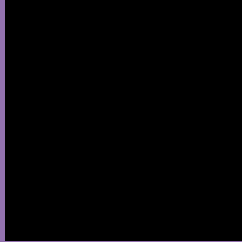
Any Text WCAG AA ✓ Pass

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 129.8210, 21.7802, 14.1890 Background



This preview shows how black text looks on a background with the YUV color 129.8210, 21.7802, 14.1890.



This preview shows how white text looks on a background with the YUV color 129.8210, 21.7802, 14.1890.

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

129.8210, 21.7802, 14.1890

Protanopia

126.5290, 27.8402, -16.2499

Deuteranopia

126.7700, 22.2984, -12.0763



Tritanopia

128.1090, 1.4253, 9.5514

Trichromacy



Original Color

129.8210, 21.7802, 14.1890

Protanomaly

128.0250, 25.6237, -5.2839

Deuteranomaly

128.1240, 22.1239, -2.7397

Tritanomaly

129.0690, 8.8400, 11.3405

Monochromacy



Original Color

129.8210, 21.7802, 14.1890

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0960, 7.8407, 5.1778

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8210, 21.7802, 14.1890 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(146, 113, 174)` looks like.

```
.text, #text, p{  
    color:rgb(146, 113, 174)  
}
```

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(146, 113, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 113, 174) }
```

Border

The CSS property to change the border of an element to YUV 129.8210, 21.7802, 14.1890 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(146, 113, 174) }
```


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

```
.border{ border-color:rgb(146, 113, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 113, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 113, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 113, 174);  
box-shadow:4px 4px 4px 4px rgb(146, 113,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 129.8210, 21.7802, 14.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 113, 174) }
```

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

```
.background{ background-color: rgb(146,  
113, 174) }
```

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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