

Converting Colors

YUV(189.8210, -22.0968,
-5.9820)

Have a look what the booklet for
YUV(189.8210, -22.0968, -5.9820)
contains.

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Color

**YUV(189.8210, -22.0968,
-5.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CA91
RGB	183, 202, 145
RGB Percent	72%, 79%, 57%
CMY	0.2824, 0.2078, 0.4314
CMYK	0.09, 0.00, 0.28, 0.21
HSL	80°, 35%, 68%
HSV	80°, 28%, 79%
XYZ	45.7598, 54.3527, 34.8674
YIQ	189.8210, 6.9730, -21.7550

Conversions

Conversions Part 2

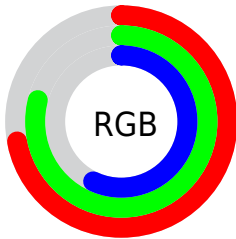
Format	Color
RYB	145, 202, 164
Decimal	12044945
CIELab	78.67, -16.17, 26.39
CIELCh	79, 30.948, 121.496
Yxy	54.3527, 0.3390, 0.4027
Android (android.graphics.Color)	4290235025 (0xFFB7CA91)
YUV	189.8210, -22.0968, -5.9820
Hunter-Lab	73.7243, -18.2246, 23.5662

Details

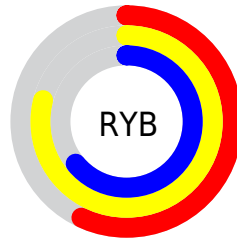
The YUV color **189.8210, -22.0968, -5.9820** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157.1790, 22.0968, 5.9820**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8320, -22.1022, -4.2377**, and **136.1630, -20.7864, -6.2820** is the 20% darker color. If you saturate the color by 10%, you get **185.4480, -29.8009, -8.2859**, and if you desaturate by 10%, it is **194.1940, -14.3926, -3.6781**.

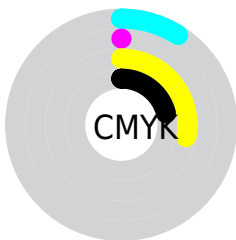
Distribution



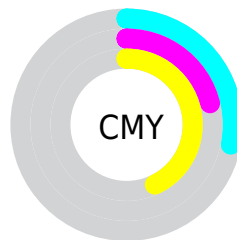
- Red (72%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8210, -22.0968, -5.9820 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 189.8210, -22.0968, -5.9820 by changing the saturation by 10% instead.

■ 189.8210,
-22.0968, -5.9820

■ 189.8210,
-22.0968, -5.9820

255.0000, 0.0000,
0.0000

■ 162.9350,
-21.6600, -6.0820

■ 243.8320,
-22.1022, -4.2377

■ 136.1630,
-20.7864, -6.2820

■ 251.8080,
-12.2303, 2.7994

■ 110.6900,
-20.0602, -5.8671

■ 85.9180, -19.1866,
-6.0671

■ 62.0320, -18.7498,
-6.1671

■ 39.8040, -19.6234,
-5.9671

■ 19.7030, -9.7136,

-11.1405

■ 0.0000, 0.0000,
0.0000

■ 189.8210,
-22.0968, -5.9820

■ 189.8210,
-22.0968, -5.9820

■ 185.4480,
-29.8009, -8.2859

■ 194.1940,
-14.3926, -3.6781

■ 181.3740,
-37.6524, -9.9750

■ 198.2680, -6.5411,
-1.9890

■ 176.8870,
-45.7933, -12.1789

■ 202.7550, 1.5998,
0.2149

■ 172.5140,
-53.4974, -14.4828

■ 207.1280, 9.3039,
2.5187

■ 168.1410,
-61.2015, -16.7867

■ 211.5010, 17.0080,
4.8226

■ 164.0670,
-69.0530, -18.4758

■ 214.3210, 20.0547,
7.6115

■ 159.6940,
-76.7571, -20.7796

■ 216.4140, 19.0229,
11.9149

■ 158.9390,
-78.3569, -20.9945

■ 218.5070, 17.9910,
16.2184

■ 220.6000, 16.9592,
20.5218

Harmonies

Analogous

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



192.8950, -27.5562, 18.5091



189.8210, -22.0968, -5.9820



185.8700, -9.7959, -31.4580

Triad

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



189.8210, -22.0968, -5.9820



184.6290, 29.2699, -54.9256



198.4170, -2.1776, 45.2383

Complementary

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



189.8210, -22.0968, -5.9820



157.1790, 22.0968, 5.9820

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.



199.5750, 11.5485, 29.3137



189.8210, -22.0968, -5.9820



192.2070, 29.4779, -28.2455

Square

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



189.8210, -22.0968, -5.9820



180.2010, 21.5929, -65.9513



197.6840, 22.8338, 2.9081



197.5840, -15.5709, 47.7228

Rectangle

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



189.8210, -22.0968, -5.9820



182.9310, 1.0200, -47.2975



197.6840, 22.8338, 2.9081



198.9480, 2.4906, 41.2646

Sweetspot

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



189.8210, -22.0968, -5.9820



250.6270, -7.7041, -2.3039



173.1960, -13.9006, 25.2611



125.0230, -4.9413, -1.7742



0.0000, 0.0000, 0.0000



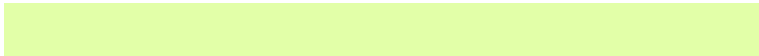
128.0000, 0.0000, 0.0000

Same Dimension

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



189.8210, -22.0968, -5.9820



236.4110, -33.7266, -9.1304



181.4490, -17.9694, -23.1958



99.9630, -3.9258, -0.8446



130.6310, -64.4011, -17.2164



30.0800, -14.8294, -3.5782

Inverse Universe

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



157.1790, 22.0968, 5.9820



186.5890, 33.7266, 9.1304



165.8500, 17.8220, 23.8106



94.0370, 3.9258, 0.8446



35.3690, 64.4011, 17.2164



8.2190, 14.6820, 4.1929

Previews

White Background



This preview shows how the YUV color 189.8210, -22.0968, -5.9820 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 189.8210, -22.0968, -5.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

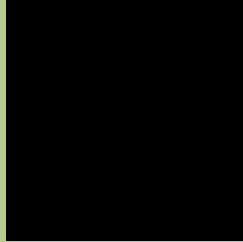
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

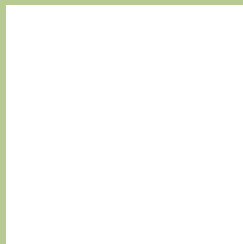
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.8210, -22.0968, -5.9820

Background



This preview shows how black text looks on a background with the YUV color 189.8210, -22.0968, -5.9820.



This preview shows how white text looks on a background with the YUV color 189.8210, -22.0968, -5.9820.

-5.9820.

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

189.8210, -22.0968, -5.9820

Protanopia

192.5570, -24.9246, 14.4205

Deuteranopia

194.2260, -22.7894, 29.6198



Tritanopia

195.1120, 6.8468, -2.7292

Trichromacy



Original Color

189.8210, -22.0968, -5.9820

Protanomaly

191.7410, -24.0293, 7.2431

Deuteranomaly

192.8500, -22.6040, 16.7946

Tritanomaly

193.3540, -3.6255, -3.8185

Monochromacy



Original Color

189.8210, -22.0968, -5.9820

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.6270, -7.7041, -2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8210, -22.0968, -5.9820 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(183, 202, 145)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 145)  
}
```

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(183, 202, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 145) }
```

Border

The CSS property to change the border of an element to YUV 189.8210, -22.0968, -5.9820 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(183, 202, 145) }
```


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

```
.border{ border-color:rgb(183, 202, 145) }
```

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

Here you see how a box with a 4 pixel rgb(183, 202, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 145);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 189.8210, -22.0968, -5.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 145) }
```

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

```
.background{ background-color: rgb(183,  
202, 145) }
```

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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