

Converting Colors

YUV(221.1890, 6.8088, 9.4812)

Have a look what the booklet for
YUV(221.1890, 6.8088, 9.4812)
contains.

YUV(221.1890, 6.8088, 9.4812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(221.1890, 6.8088,
9.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D5EB
RGB	232, 213, 235
RGB Percent	91%, 84%, 92%
CMY	0.0902, 0.1647, 0.0784
CMYK	0.01, 0.09, 0.00, 0.08
HSL	292°, 35%, 88%
HSV	292°, 9%, 92%
XYZ	72.0684, 70.7425, 88.4535
YIQ	221.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

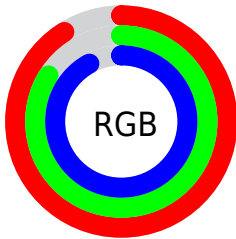
Format	Color
R _Y B	232, 213, 235
Decimal	15259115
CIE Lab	87.36, 10.42, -8.41
CIE LCh	87, 13.391, 321.099
Yxy	70.7425, 0.3116, 0.3059
Android (android.graphics.Color)	4293449195 (0xFFE8D5EB)
YUV	221.1890, 6.8088, 9.4812
Hunter-Lab	84.1085, 5.7577, -3.4769

Details

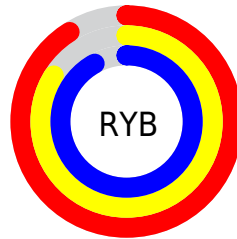
The YUV color `221.1890, 6.8088, 9.4812` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `226.8110, -6.8088, -9.4812`, and the grayscale version is `221.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `165.7760, 6.5194, 8.9664` is the 20% darker color. If you saturate the color by 10%, you get `206.7910, 13.9070, 19.4773`, and if you desaturate by 10%, it is `236.1740, -0.5788, -1.0296`.

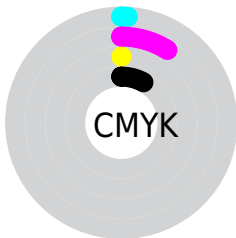
Distribution



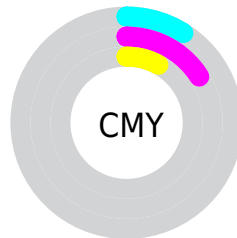
- Red (91%)
- Green (84%)
- Blue (92%)



- Red (91%)
- Yellow (84%)
- Blue (92%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1890, 6.8088, 9.4812 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 221.1890, 6.8088, 9.4812 by changing the saturation by 10% instead.

■ 221.1890, 6.8088,
9.4812

■ 221.1890, 6.8088,
9.4812

255.0000, 0.0000,
0.0000

■ 193.1890, 6.8088,
9.4812

■ 165.7760, 6.5194,
8.9664

■ 139.6620, 6.0826,
9.0664

■ 114.3630, 6.2300,
8.4516

■ 89.9500, 5.9406,
7.9368

■ 66.5370, 5.6513,
7.4221

■ 44.1240, 5.3619,

6.9073

■ 23.5970, 4.6357,
6.4924

■ 1.0260, 3.9312,
-0.8998

■ 221.1890, 6.8088,
9.4812

■ 221.1890, 6.8088,
9.4812

■ 206.7910, 13.9070,
19.4773

■ 236.1740, -0.5788,
-1.0296

■ 191.8060, 21.2946,
29.9881

■ 247.6370, -6.2300,
-8.4516

■ 177.1090, 28.5403,
39.3694

■ 248.8330, -6.8197,
-5.9925

■ 162.1240, 35.9279,
49.8803

■ 249.7300, -7.2619,
-4.1482

■ 147.7260, 43.0261,
59.8763

■ 250.6270, -7.7041,
-2.3039

■ 132.7410, 50.4137,
70.3871

■ 251.5240, -8.1463,
-0.4595

■ 118.3430, 57.5119,
80.3832

■ 252.4210, -8.5886,
1.3848

■ 103.0590, 65.0469,
90.2793

■ 252.7200, -8.7360,
1.9996

■ 88.6610, 72.1451,
100.2753

Harmonies

Analogous

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



219.8500, 10.9200, -2.4994



221.1890, 6.8088, 9.4812



221.9360, 0.5246, 18.4731

Triad

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



221.1890, 6.8088, 9.4812



219.1620, -12.4049, 12.1359



214.5670, 6.6225, -24.1763

Complementary

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



221.1890, 6.8088, 9.4812



226.8110, -6.8088, -9.4812

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.



214.8790, 0.0597, -19.1879



221.1890, 6.8088, 9.4812



217.7370, -11.2093, 1.9847

Square

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



221.1890, 6.8088, 9.4812



220.4880, -10.1006, 19.7430



215.9250, -6.3720, -9.5812



216.0170, 10.8376, -22.8169

Rectangle

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



221.1890, 6.8088, 9.4812



221.2200, -3.5595, 21.7321



215.9250, -6.3720, -9.5812



214.8830, 4.0017, -23.5764

Sweetspot

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



221.1890, 6.8088, 9.4812



250.0050, 2.4625, 3.5036



217.2690, 8.7414, -3.7439



124.1790, 1.8838, 2.4740



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.



221.1890, 6.8088, 9.4812



237.3680, 8.6926, 11.9553



221.1740, 2.8722, 12.1254



110.2440, 3.3307, 5.0480



67.2780, 56.0649, 77.8092



19.9100, 16.8064, 22.8809

Inverse Universe

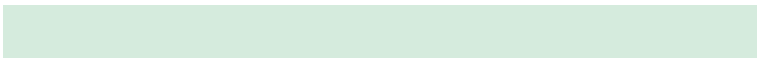
The Inverse Universe completely reimagines the original color for something new.



219.9200, -1.9326, 13.2252



235.8280, -2.3802, 16.8138



226.8260, -2.8722, -12.1254



109.4030, -1.1847, 6.6626



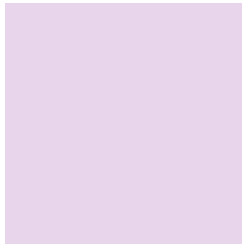
56.9690, -15.7607, 108.7752



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 221.1890, 6.8088, 9.4812 looks on a white background.

Color Contrast Check

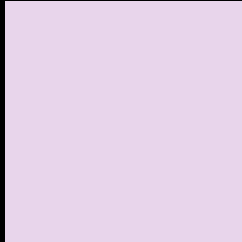
Large Text (above 18pt) WCAG AA × Fail

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 221.1890, 6.8088, 9.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

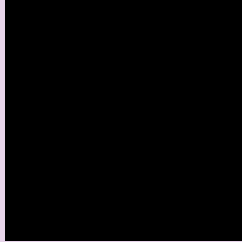
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.1890, 6.8088, 9.4812

Background



This preview shows how black text looks on a background with the YUV color 221.1890, 6.8088, 9.4812.



This preview shows how white text looks on a background with the YUV color 221.1890, 6.8088,

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

221.1890, 6.8088, 9.4812

Protanopia

219.9810, 8.8834, -2.6143

Deuteranopia

221.4880, 6.6614, 10.0960



Tritanopia

221.0210, 4.9196, 8.7516

Trichromacy



Original Color

221.1890, 6.8088, 9.4812

Protanomaly

220.1880, 8.2883, 1.5891

Deuteranomaly

221.4880, 6.6614, 10.0960

Tritanomaly

221.1350, 5.3564, 8.6516

Monochromacy



Original Color

221.1890, 6.8088, 9.4812

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1890, 6.8088, 9.4812 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(232, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 235)  
}
```

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(232, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 235) }
```

Border

The CSS property to change the border of an element to YUV 221.1890, 6.8088, 9.4812 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(232, 213, 235) }
```


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

```
.border{ border-color:rgb(232, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 221.1890, 6.8088, 9.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 235) }
```

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

```
.background{ background-color: rgb(232,  
213, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor