

Converting Colors

YUV(211.8900, 6.9562, 8.8665)

Have a look what the booklet for
YUV(211.8900, 6.9562, 8.8665)
contains.

YUV(211.8900, 6.9562, 8.8665)	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(211.8900, 6.9562,
8.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	DECCE2
RGB	222, 204, 226
RGB Percent	87%, 80%, 89%
CMY	0.1294, 0.2000, 0.1137
CMYK	0.02, 0.10, 0.00, 0.11
HSL	289°, 27%, 84%
HSV	289°, 10%, 89%
XYZ	65.4445, 64.2063, 80.8953
YIQ	211.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

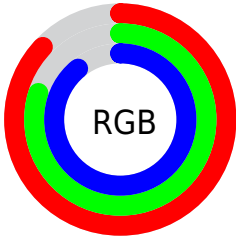
Format	Color
R _Y B	222, 204, 226
Decimal	14601442
CIE Lab	84.07, 10.17, -8.60
CIE LCh	84, 13.319, 319.772
Yxy	64.2063, 0.3108, 0.3050
Android (android.graphics.Color)	4292791522 (0xFFDECCE2)
YUV	211.8900, 6.9562, 8.8665
Hunter-Lab	80.1288, 5.5628, -3.7669

Details

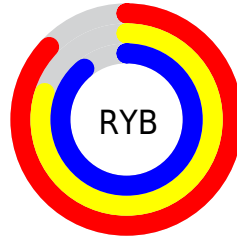
The YUV color `211.8900, 6.9562, 8.8665` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `218.1100, -6.9562, -8.8665`, and the grayscale version is `212.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `157.4770, 6.6668, 8.3517` is the 20% darker color. If you saturate the color by 10%, you get `197.1930, 14.2019, 18.2477`, and if you desaturate by 10%, it is `226.5870, -0.2894, -0.5148`.

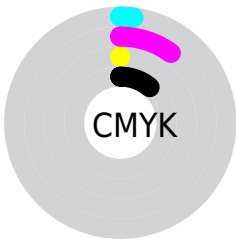
Distribution



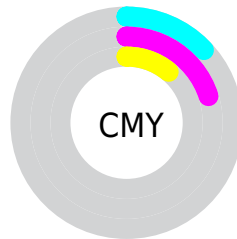
- Red (87%)
- Green (80%)
- Blue (89%)



- Red (87%)
- Yellow (80%)
- Blue (89%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.8900, 6.9562, 8.8665 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 211.8900, 6.9562, 8.8665 by changing the saturation by 10% instead.

■ 211.8900, 6.9562,
8.8665

■ 211.8900, 6.9562,
8.8665

255.0000, 0.0000,
0.0000

■ 184.4770, 6.6668,
8.3517

■ 157.4770, 6.6668,
8.3517

■ 131.0640, 6.3774,
7.8369

■ 106.0640, 6.3774,
7.8369

■ 81.6510, 6.0881,
7.3221

■ 58.5370, 5.6513,
7.4221

■ 36.8250, 5.5093,

6.2925

■ 15.2490, 5.7932,
8.5516

■ 0.0000, 0.0000,
0.0000

■ 211.8900, 6.9562,
8.8665

■ 211.8900, 6.9562,
8.8665

■ 197.1930, 14.2019,
18.2477

■ 226.5870, -0.2894,
-0.5148

■ 183.0830, 21.1581,
27.1142

■ 240.6970, -7.2456,
-9.3813

■ 168.3860, 28.4037,
36.4955

■ 245.4150, -9.5716,
-10.0110

■ 154.2760, 35.3599,
45.3619

■ 246.6110,
-10.1612, -7.5518

139.2800, 42.7530,
54.1284

248.1060,
-10.8983, -4.4780

124.5830, 49.9986,
63.5097

249.3020,
-11.4879, -2.0189

110.4730, 56.9548,
72.3762

250.4980,
-12.0775, 0.4403

95.7760, 64.2004,
81.7574

251.6940,
-12.6671, 2.8994

81.6660, 71.1567,
90.6239

Harmonies

Analogous

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



210.5510, 11.0674, -3.1142



211.8900, 6.9562, 8.8665



212.6370, 0.6720, 17.8584

Triad

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



211.8900, 6.9562, 8.8665



209.5750, -12.1155, 12.6507



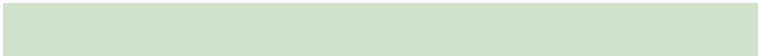
205.4530, 6.1857, -24.0763

Complementary

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



211.8900, 6.9562, 8.8665



218.1100, -6.9562, -8.8665

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.



205.7650, -0.3771, -19.0879



211.8900, 6.9562, 8.8665



208.1500, -10.9200, 2.4994

Square

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



211.8900, 6.9562, 8.8665



211.4880, -10.1006, 19.7430



206.8110, -6.8088, -9.4812



206.3160, 10.6902, -22.2021

Rectangle

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



211.8900, 6.9562, 8.8665



212.0350, -2.9753, 21.0173



206.8110, -6.8088, -9.4812



205.1820, 3.8543, -22.9616

Sweetspot

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



211.8900, 6.9562, 8.8665



250.0050, 2.4625, 3.5036



208.8560, 8.4520, -4.2587



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.



211.8900, 6.9562, 8.8665



235.0090, 9.8556, 12.2701



212.2880, 3.3090, 12.0254



104.9450, 3.4781, 4.4332



63.1200, 55.6498, 70.9318



17.4320, 15.0700, 19.7921

Inverse Universe

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



211.0340, -1.4958, 13.1252



233.9530, -1.9488, 18.4582



217.7120, -3.3090, -12.0254



104.5170, -0.7479, 6.5626



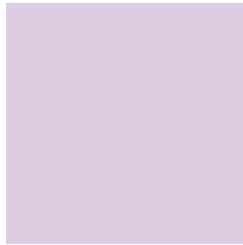
56.2720, -11.9661, 105.0015



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 211.8900, 6.9562, 8.8665 looks on a white background.

Color Contrast Check

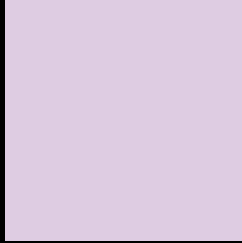
Large Text (above 18pt) WCAG AA × Fail

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 211.8900, 6.9562, 8.8665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

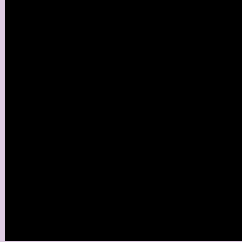
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 211.8900, 6.9562, 8.8665

Background



This preview shows how black text looks on a background with the YUV color 211.8900, 6.9562, 8.8665.



This preview shows how white text looks on a background with the YUV color 211.8900, 6.9562,

8.8665.

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

211.8900, 6.9562, 8.8665

Protanopia

210.3940, 9.1728, -2.0995

Deuteranopia

212.1890, 6.8088, 9.4812



Tritanopia

211.6080, 4.6303, 8.2368

Trichromacy



Original Color

211.8900, 6.9562, 8.8665

Protanomaly

211.1880, 8.2883, 1.5891

Deuteranomaly

212.1890, 6.8088, 9.4812

Tritanomaly

211.8360, 5.5039, 8.0368

Monochromacy



Original Color

211.8900, 6.9562, 8.8665

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.8900, 6.9562, 8.8665 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(222, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 226)  
}
```

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(222, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 226) }
```

Border

The CSS property to change the border of an element to YUV 211.8900, 6.9562, 8.8665 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(222, 204, 226) }
```


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

```
.border{ border-color:rgb(222, 204, 226) }
```

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

Here you see how a box with a 4 pixel rgb(222, 204, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 211.8900, 6.9562, 8.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 226) }
```

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

```
.background{ background-color: rgb(222,  
204, 226) }
```

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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