

Converting Colors

YUV(211.7970, 7.9881, 4.5630)

Have a look what the booklet for
YUV(211.7970, 7.9881, 4.5630)
contains.

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Color

**YUV(211.7970, 7.9881,
4.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CEE4
RGB	217, 206, 228
RGB Percent	85%, 81%, 89%
CMY	0.1490, 0.1922, 0.1059
CMYK	0.05, 0.10, 0.00, 0.11
HSL	270°, 29%, 85%
HSV	270°, 10%, 89%
XYZ	64.6902, 64.4958, 82.4382
YIQ	211.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

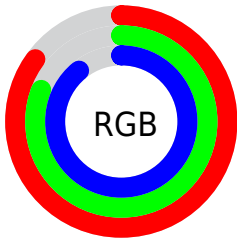
Format	Color
R _Y B	217, 206, 228
Decimal	14274276
CIE Lab	84.22, 7.82, -9.49
CIE LCh	84, 12.293, 309.492
Yxy	64.4958, 0.3057, 0.3048
Android (android.graphics.Color)	4292464356 (0xFFD9CEE4)
YUV	211.7970, 7.9881, 4.5630
Hunter-Lab	80.3093, 3.2429, -4.6452

Details

The YUV color `211.7970, 7.9881, 4.5630` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `222.2030, -7.9881, -4.5630`, 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 `157.3840, 7.6987, 4.0482` is the 20% darker color. If you saturate the color by 10%, you get `195.0070, 16.2655, 9.6409`, and if you desaturate by 10%, it is `228.5870, -0.2894, -0.5148`.

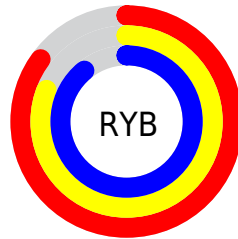
Distribution



Red (85%)

Green (81%)

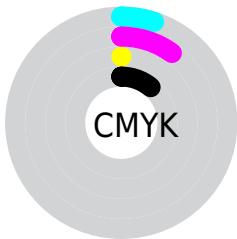
Blue (89%)



Red (85%)

Yellow (81%)

Blue (89%)

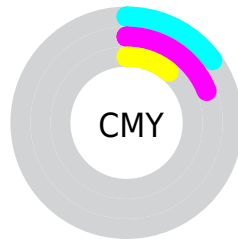


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.7970, 7.9881, 4.5630 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 211.7970, 7.9881, 4.5630 by changing the saturation by 10% instead.

■ 211.7970, 7.9881,
4.5630

■ 211.7970, 7.9881,
4.5630

255.0000, 0.0000,
0.0000

■ 184.3840, 7.6987,
4.0482

■ 157.3840, 7.6987,
4.0482

■ 131.2700, 7.2619,
4.1482

■ 105.8570, 6.9725,
3.6334

■ 81.8570, 6.9725,
3.6334

■ 58.7430, 6.5357,
3.7334

■ 37.2160, 5.8095,

3.3186

■ 15.4550, 6.6777,
4.8630

■ 0.0000, 0.0000,
0.0000

■ 211.7970, 7.9881,
4.5630

■ 211.7970, 7.9881,
4.5630

■ 195.0070, 16.2655,
9.6409

■ 228.5870, -0.2894,
-0.5148

■ 177.9180, 24.6904,
14.1039

■ 245.6760, -8.7143,
-4.9779

■ 161.7150, 32.6785,
18.6669

■ 250.7260,
-11.2039, 0.2403

■ 144.6260, 41.1034,
23.1300

■ 251.9220,
-11.7935, 2.6994

■ 127.8360, 49.3809,
28.2078

■ 111.0460, 57.6583,
33.2857

■ 93.9570, 66.0832,
37.7487

■ 77.7540, 74.0713,
42.3117

■ 60.6650, 82.4962,
46.7748

Harmonies

Analogous

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



210.5290, 11.0782, -6.6029



211.7970, 7.9881, 4.5630



212.4840, 2.7194, 14.4845

Triad

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



211.7970, 7.9881, 4.5630



210.9280, -10.8105, 14.0951



206.0790, 3.4121, -21.1173

Complementary

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



211.7970, 7.9881, 4.5630



222.2030, -7.9881, -4.5630

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.



206.6300, -2.2826, -14.5845



211.7970, 7.9881, 4.5630



209.1720, -10.9308, 5.9882

Square

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



211.7970, 7.9881, 4.5630



212.0580, -7.9166, 19.2431



207.9040, -7.8407, -5.1778



206.7460, 8.5062, -21.7022

Rectangle

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



211.7970, 7.9881, 4.5630



212.2950, -0.6384, 18.1583



207.9040, -7.8407, -5.1778



206.2210, 1.3700, -19.4878

Sweetspot

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



211.7970, 7.9881, 4.5630



249.1080, 2.9048, 1.6593



214.9650, 6.4263, -7.8623



123.5810, 2.1786, 1.2445



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.



211.7970, 7.9881, 4.5630



232.3180, 11.1822, 6.7371



215.0860, 6.3666, 11.3256



106.1620, 4.3571, 2.4889



47.0170, 65.0676, 36.8191



13.2890, 18.5915, 10.2705

Inverse Universe

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



213.8320, 1.5618, 12.4253



235.0930, 2.4192, 17.4584



218.9140, -6.3666, -11.3256



107.2720, 0.8519, 6.7775



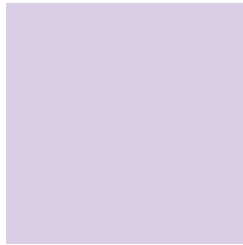
63.6670, 12.4892, 101.1470



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 211.7970, 7.9881, 4.5630 looks on a white background.

Color Contrast Check

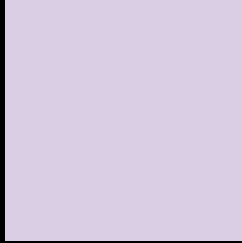
Large Text (above 18pt) WCAG AA × Fail

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 211.7970, 7.9881, 4.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

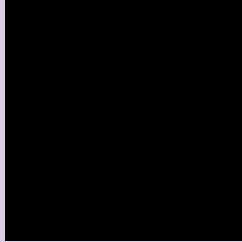
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 211.7970, 7.9881, 4.5630

Background



This preview shows how black text looks on a background with the YUV color 211.7970, 7.9881, 4.5630.



This preview shows how white text looks on a background with the YUV color 211.7970, 7.9881,

4.5630.

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

211.7970, 7.9881, 4.5630

Protanopia

211.0950, 9.3202, -2.7143

Deuteranopia

212.1180, 7.8298, 8.6665



Tritanopia

211.5150, 5.6621, 3.9333

Trichromacy



Original Color

211.7970, 7.9881, 4.5630

Protanomaly

211.2910, 8.7305, -0.2552

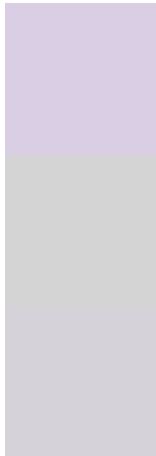
Deuteranomaly

212.1070, 7.8352, 6.9222

Tritanomaly

211.7430, 6.5357, 3.7334

Monochromacy



Original Color

211.7970, 7.9881, 4.5630

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.1080, 2.9048, 1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.7970, 7.9881, 4.5630 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(217, 206, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 228)  
}
```

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(217, 206, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 228) }
```

Border

The CSS property to change the border of an element to YUV 211.7970, 7.9881, 4.5630 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(217, 206, 228) }
```


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

```
.border{ border-color:rgb(217, 206, 228) }
```

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

Here you see how a box with a 4 pixel rgb(217, 206, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 228);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 211.7970, 7.9881, 4.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 228) }
```

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

```
.background{ background-color: rgb(217,  
206, 228) }
```

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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