

Converting Colors

YUV(212.9500, 5.9406, 7.9368)

Have a look what the booklet for
YUV(212.9500, 5.9406, 7.9368)
contains.

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Color

**YUV(212.9500, 5.9406,
7.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEE1
RGB	222, 206, 225
RGB Percent	87%, 81%, 88%
CMY	0.1294, 0.1922, 0.1176
CMYK	0.01, 0.08, 0.00, 0.12
HSL	291°, 24%, 85%
HSV	291°, 8%, 88%
XYZ	65.7861, 65.1085, 80.3340
YIQ	212.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

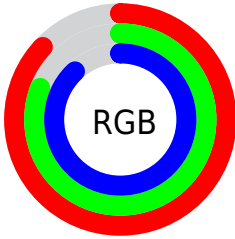
Format	Color
R _Y B	222, 206, 225
Decimal	14601953
CIE Lab	84.54, 8.92, -7.38
CIE LCh	85, 11.579, 320.421
Yxy	65.1085, 0.3114, 0.3082
Android (android.graphics.Color)	4292792033 (0xFFDECEE1)
YUV	212.9500, 5.9406, 7.9368
Hunter-Lab	80.6898, 4.3233, -2.5457

Details

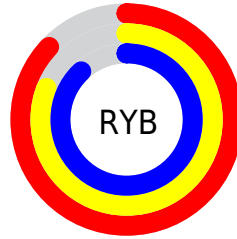
The YUV color `212.9500, 5.9406, 7.9368` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `218.0500, -5.9406, -7.9368`, and the grayscale version is `213.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `158.5370, 5.6513, 7.4221` is the 20% darker color. If you saturate the color by 10%, you get `198.8400, 12.8969, 16.8033`, and if you desaturate by 10%, it is `227.0600, -1.0156, -0.9296`.

Distribution



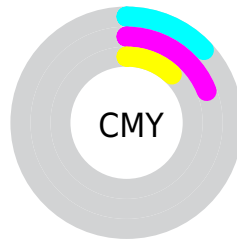
- Red (87%)
- Green (81%)
- Blue (88%)



- Red (87%)
- Yellow (81%)
- Blue (88%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9500, 5.9406, 7.9368 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 212.9500, 5.9406, 7.9368 by changing the saturation by 10% instead.

■ 212.9500, 5.9406,
7.9368

■ 212.9500, 5.9406,
7.9368

255.0000, 0.0000,
0.0000

■ 184.9500, 5.9407,
7.9369

■ 158.5370, 5.6513,
7.4221

■ 132.1240, 5.3619,
6.9073

■ 107.1240, 5.3619,
6.9073

■ 82.7110, 5.0725,
6.3925

■ 59.5970, 4.6357,
6.4924

■ 37.8850, 4.4937,

5.3629

■ 16.3090, 4.7777,
7.6220

■ 0.0000, 0.0000,
0.0000

■ 212.9500, 5.9406,
7.9368

■ 212.9500, 5.9406,
7.9368

■ 198.8400, 12.8969,
16.8033

■ 227.0600, -1.0156,
-0.9296

■ 184.4420, 19.9951,
26.7994

■ 241.4580, -8.1138,
-10.9257

■ 170.3320, 26.9513,
35.6658

■ 245.0020, -9.8610,
-10.5258

■ 155.9340, 34.0495,
45.6619

■ 245.8990,
-10.3032, -8.6814

141.8240, 41.0058,
54.5284

247.0950,
-10.8928, -6.2223

127.4260, 48.1040,
64.5244

247.9920,
-11.3351, -4.3780

113.3160, 55.0602,
73.3909

249.1880,
-11.9247, -1.9189

98.9180, 62.1584,
83.3869

250.0850,
-12.3669, -0.0745

84.2210, 69.4040,
92.7682

251.2810,
-12.9565, 2.3846

Harmonies

Analogous

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



211.5080, 9.6096, -2.1995



212.9500, 5.9406, 7.9368



213.3270, 0.8248, 15.4992

Triad

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



212.9500, 5.9406, 7.9368



211.3190, -10.5103, 11.1212



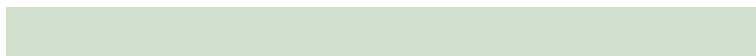
207.2470, 5.3012, -20.3876

Complementary

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



212.9500, 5.9406, 7.9368



218.0500, -5.9406, -7.9368

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.



207.4880, -0.2406, -16.2140



212.9500, 5.9406, 7.9368



210.0790, -9.8989, 1.6847

Square

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



212.9500, 5.9406, 7.9368



212.5200, -8.6374, 17.0840



208.7510, -5.7932, -8.5516



208.2840, 9.2270, -19.5431

Rectangle

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



212.9500, 5.9406, 7.9368



213.3120, -3.1118, 18.1434



208.7510, -5.7932, -8.5516



207.6770, 3.1172, -19.8877

Sweetspot

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



212.9500, 5.9406, 7.9368



250.0050, 2.4625, 3.5036



209.9270, 7.4310, -3.4440



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.



212.9500, 5.9406, 7.9368



239.1290, 7.8244, 10.4109



213.1630, 2.8776, 10.3810



104.9450, 3.4781, 4.4332



64.3160, 55.0602, 73.3909



17.7310, 14.9226, 20.4069

Inverse Universe

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



212.0230, -1.4903, 11.3808



237.9310, -1.9380, 14.9695



217.8370, -2.8776, -10.3810



104.5170, -0.7479, 6.5626



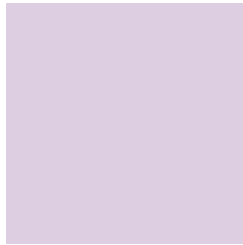
55.8160, -13.7133, 105.4014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 212.9500, 5.9406, 7.9368 looks on a white background.

Color Contrast Check

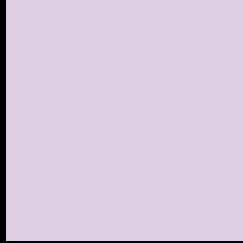
Large Text (above 18pt) WCAG AA × Fail

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 212.9500, 5.9406, 7.9368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

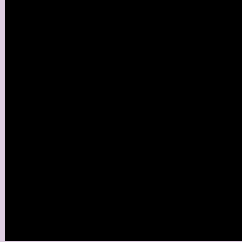
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.9500, 5.9406, 7.9368

Background



This preview shows how black text looks on a background with the YUV color 212.9500, 5.9406, 7.9368.



This preview shows how white text looks on a background with the YUV color 212.9500, 5.9406,

7.9368.

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

212.9500, 5.9406, 7.9368

Protanopia

211.9380, 7.4256, -1.6996

Deuteranopia

213.2600, 5.7878, 10.2960



Tritanopia

212.7220, 5.0671, 8.1368

Trichromacy



Original Color

212.9500, 5.9406, 7.9368

Protanomaly

212.4330, 6.6885, 1.3743

Deuteranomaly

212.9610, 5.9352, 9.6812

Tritanomaly

212.8360, 5.5039, 8.0368

Monochromacy



Original Color

212.9500, 5.9406, 7.9368

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.5920, 2.1731, 2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9500, 5.9406, 7.9368 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, 206, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 225)  
}
```

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, 206, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 225) }
```

Border

The CSS property to change the border of an element to YUV 212.9500, 5.9406, 7.9368 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, 206, 225) }
```


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

```
.border{ border-color:rgb(222, 206, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 212.9500, 5.9406, 7.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 225) }
```

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

```
.background{ background-color: rgb(222,  
206, 225) }
```

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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