

Converting Colors

YUV(210.0300, 11.3242, 7.8667)

Have a look what the booklet for
YUV(210.0300, 11.3242, 7.8667)
contains.

YUV(210.0300, 11.3242, 7.8667)	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(210.0300, 11.3242,
7.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC9E9
RGB	219, 201, 233
RGB Percent	86%, 79%, 91%
CMY	0.1412, 0.2118, 0.0863
CMYK	0.06, 0.14, 0.00, 0.09
HSL	274°, 42%, 85%
HSV	274°, 14%, 91%
XYZ	64.8080, 62.7165, 85.7805
YIQ	210.0300, 0.4560, 13.7680

Conversions

Conversions Part 2

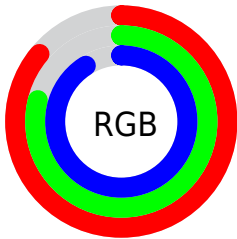
Format	Color
R _Y B	219, 201, 233
Decimal	14404073
CIE Lab	83.29, 12.09, -13.52
CIE LCh	83, 18.142, 311.811
Yxy	62.7165, 0.3038, 0.2940
Android (android.graphics.Color)	4292594153 (0xFFDBC9E9)
YUV	210.0300, 11.3242, 7.8667
Hunter-Lab	79.1938, 7.4859, -8.7857

Details

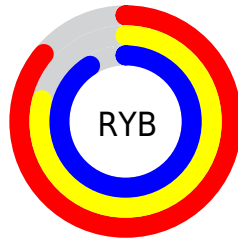
The YUV color $210.0300, 11.3242, 7.8667$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.9700, -11.3242, -7.8667$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $155.5030, 10.5980, 7.4519$ is the 20% darker color. If you saturate the color by 10%, you get $193.5390, 19.4543, 13.5593$, and if you desaturate by 10%, it is $226.5210, 3.1941, 2.1741$.

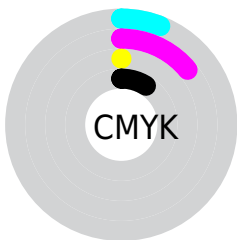
Distribution



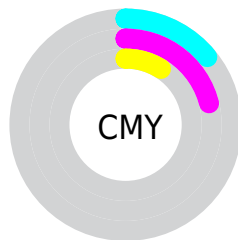
- Red (86%)
- Green (79%)
- Blue (91%)



- Red (86%)
- Yellow (79%)
- Blue (91%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.0300, 11.3242, 7.8667 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 210.0300, 11.3242, 7.8667 by changing the saturation by 10% instead.

■ 210.0300, 11.3242,
7.8667

■ 210.0300, 11.3242,
7.8667

255.0000, 0.0000,
0.0000

■ 182.6170, 11.0348,
7.3519

■ 155.5030, 10.5980,
7.4519

■ 129.5030, 10.5980,
7.4519

■ 104.0900, 10.3086,
6.9371

■ 80.2640, 9.7298,
5.9075

■ 57.1500, 9.2931,
6.0075

■ 35.6230, 8.5669,

5.5926

■ 12.5740, 9.5770,
8.2666

■ 0.5700, 2.1840,
-0.4999

■ 210.0300, 11.3242,
7.8667

■ 210.0300, 11.3242,
7.8667

■ 193.5390, 19.4543,
13.5593

■ 226.5210, 3.1941,
2.1741

■ 176.4610, 27.8737,
19.7667

■ 243.5990, -5.2253,
-4.0333

■ 159.6710, 36.1512,
24.8445

■ 250.9970, -8.8725,
-0.8744

■ 143.1800, 44.2813,
30.5371

■ 252.4920, -9.6096,
2.1995

■ 126.6890, 52.4113,
36.2297

■ 109.6110, 60.8308,
42.4372

■ 93.1200, 68.9608,
48.1298

■ 76.3300, 77.2383,
53.2076

■ 65.7310, 82.4636,
57.2409

Harmonies

Analogous

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



207.8860, 16.3252, -9.5470



210.0300, 11.3242, 7.8667



211.1690, 3.8607, 21.7768

Triad

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



210.0300, 11.3242, 7.8667



208.2940, -15.9209, 19.9132



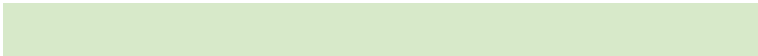
201.6970, 6.0654, -32.1833

Complementary

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



210.0300, 11.3242, 7.8667



223.9700, -11.3242, -7.8667

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.



202.3470, -3.1291, -23.1063



210.0300, 11.3242, 7.8667



206.5050, -16.0250, 6.5731

Square

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



210.0300, 11.3242, 7.8667



209.3750, -12.0169, 27.7351



203.7850, -10.7400, -8.5814



202.0480, 13.7803, -33.3681

Rectangle

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



210.0300, 11.3242, 7.8667



211.0080, -1.9759, 27.1800



203.7850, -10.7400, -8.5814



201.6110, 3.1498, -30.3538

Sweetspot

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



210.0300, 11.3242, 7.8667



247.9340, 3.4835, 2.6889



212.8660, 9.9261, -10.4065



122.9940, 2.4680, 1.7593



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.



210.0300, 11.3242, 7.8667



225.5510, 14.5184, 10.0408



213.9880, 8.3869, 16.6735



109.0480, 3.9203, 2.5889



51.1320, 64.0249, 44.6112



15.1260, 19.1649, 13.0445

Inverse Universe

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



212.1640, 1.3981, 18.2732



228.3110, 1.8187, 23.4063



220.0120, -8.3869, -16.6735



109.8590, 0.5625, 6.2627



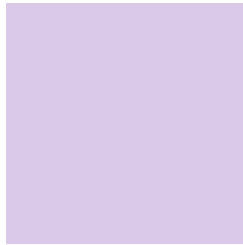
63.1250, 7.8264, 103.3764



18.7680, 2.0864, 30.8985

Previews

White Background



This preview shows how the YUV color 210.0300, 11.3242, 7.8667 looks on a white background.

Color Contrast Check

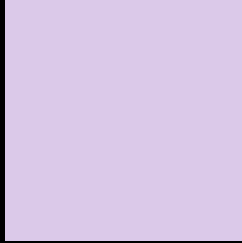
Large Text (above 18pt) WCAG AA × Fail

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 210.0300,
11.3242, 7.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

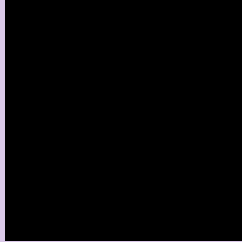
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.0300, 11.3242, 7.8667

Background



This preview shows how black text looks on a background with the YUV color 210.0300, 11.3242, 7.8667.



This preview shows how white text looks on a background with the YUV color 210.0300, 11.3242, 7.8667.

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

210.0300, 11.3242, 7.8667

Protanopia

208.5230, 13.5462, -4.8437

Deuteranopia

209.7200, 11.4770, 5.5076



Tritanopia

209.0100, 4.9251, 7.0072

Trichromacy



Original Color

210.0300, 11.3242, 7.8667

Protanomaly

209.0290, 12.8037, -0.0254

Deuteranomaly

210.0190, 11.3296, 6.1223

Tritanomaly

209.2920, 7.2510, 7.6369

Monochromacy



Original Color

210.0300, 11.3242, 7.8667

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.0300, 11.3242, 7.8667 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(219, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 233)  
}
```

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(219, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 233) }
```

Border

The CSS property to change the border of an element to YUV 210.0300, 11.3242, 7.8667 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(219, 201, 233) }
```


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

```
.border{ border-color:rgb(219, 201, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 210.0300, 11.3242, 7.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 233) }
```

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

```
.background{ background-color: rgb(219,  
201, 233) }
```

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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