

Converting Colors

YUV(214.7700, 8.9874, 10.7257)

Have a look what the booklet for
YUV(214.7700, 8.9874, 10.7257)
contains.

YUV(214.7700, 8.9874, 10.7257)	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(214.7700, 8.9874,
10.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CDE9
RGB	227, 205, 233
RGB Percent	89%, 80%, 91%
CMY	0.1098, 0.1961, 0.0863
CMYK	0.03, 0.12, 0.00, 0.09
HSL	287°, 39%, 86%
HSV	287°, 12%, 91%
XYZ	68.2179, 65.8767, 86.2108
YIQ	214.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

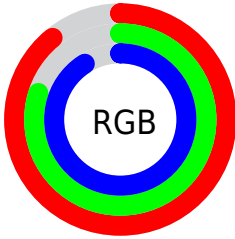
Format	Color
R_{YB}	227, 205, 233
Decimal	14929385
CIE Lab	84.93, 12.61, -11.00
CIE LCh	85, 16.735, 318.897
Yxy	65.8767, 0.3097, 0.2990
Android (android.graphics.Color)	4293119465 (0xFFE3CDE9)
YUV	214.7700, 8.9874, 10.7257
Hunter-Lab	81.1645, 7.9895, -6.1612

Details

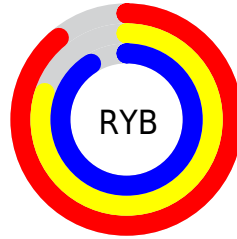
The YUV color $214.7700, 8.9874, 10.7257$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.2300, -8.9874, -10.7257$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.2430, 8.2612, 10.3109$ is the 20% darker color. If you saturate the color by 10%, you get $199.7740, 16.3804, 19.4922$, and if you desaturate by 10%, it is $229.7660, 1.5944, 1.9592$.

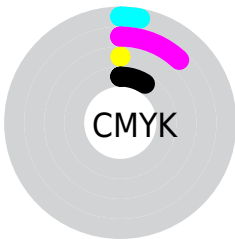
Distribution



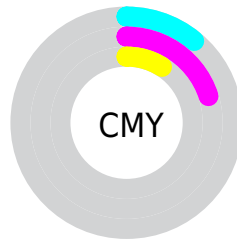
- Red (89%)
- Green (80%)
- Blue (91%)



- Red (89%)
- Yellow (80%)
- Blue (91%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7700, 8.9874, 10.7257 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 214.7700, 8.9874, 10.7257 by changing the saturation by 10% instead.

■ 214.7700, 8.9874,
10.7257

■ 214.7700, 8.9874,
10.7257

255.0000, 0.0000,
0.0000

■ 187.3570, 8.6980,
10.2109

■ 160.2430, 8.2612,
10.3109

■ 133.9440, 8.4086,
9.6961

■ 108.5310, 8.1192,
9.1813

■ 84.1180, 7.8298,
8.6665

■ 60.7050, 7.5404,
8.1517

■ 39.1780, 6.8142,

7.7369

■ 17.3030, 7.2456,
9.3813

■ 0.6840, 2.6208,
-0.5999

■ 214.7700, 8.9874,
10.7257

■ 214.7700, 8.9874,
10.7257

■ 199.7740, 16.3804,
19.4922

■ 229.7660, 1.5944,
1.9592

■ 184.1910, 24.0628,
28.7735

■ 245.3490, -6.0881,
-7.3221

■ 169.1950, 31.4559,
37.5400

■ 248.6050, -7.6933,
-5.7926

■ 154.1990, 38.8489,
46.3065

■ 250.1000, -8.4303,
-2.7187

■ 139.2030, 46.2419,
55.0730

■ 251.5950, -9.1673,
0.3552

■ 123.6200, 53.9243,
64.3543

■ 252.4920, -9.6096,
2.1995

■ 108.6240, 61.3174,
73.1208

■ 93.6280, 68.7104,
81.8872

■ 81.2790, 74.7985,
89.2093

Harmonies

Analogous

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



213.0500, 14.2724, -4.4288



214.7700, 8.9874, 10.7257



215.5990, 1.6767, 22.2767

Triad

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



214.7700, 8.9874, 10.7257



212.3860, -15.4733, 16.3245



206.4630, 7.6597, -30.2241

Complementary

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



214.7700, 8.9874, 10.7257



223.2300, -8.9874, -10.7257

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.



206.9170, -0.9451, -23.6062



214.7700, 8.9874, 10.7257



210.3520, -13.9775, 3.1993

Square

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



214.7700, 8.9874, 10.7257



213.6520, -12.1534, 24.8612



208.9310, -8.8400, -11.3405



207.3690, 13.6221, -29.2646

Rectangle

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



214.7700, 8.9874, 10.7257



214.9540, -3.4283, 26.3503



208.9310, -8.8400, -11.3405



206.0780, 4.8915, -29.0094

Sweetspot

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



214.7700, 8.9874, 10.7257



248.5320, 3.1887, 3.9184



211.7140, 10.4940, -5.8882



123.2930, 2.3206, 2.3740



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.



214.7700, 8.9874, 10.7257



231.4760, 11.5973, 13.6145



215.6520, 4.6086, 15.2142



109.9450, 3.4781, 4.4332



63.0920, 58.1286, 69.2023



18.7140, 17.3960, 20.4218

Inverse Universe

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



214.0560, -1.5066, 16.6139



230.6760, -1.8123, 21.3321



222.3480, -4.6086, -15.2142



109.5170, -0.7479, 6.5626



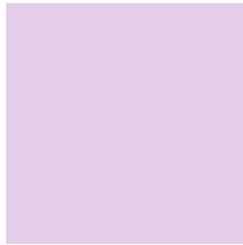
58.5650, -9.6455, 107.3755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 214.7700, 8.9874, 10.7257 looks on a white background.

Color Contrast Check

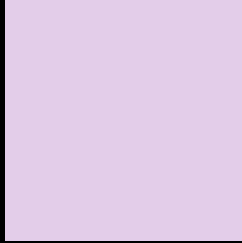
Large Text (above 18pt) WCAG AA × Fail

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 214.7700, 8.9874, 10.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

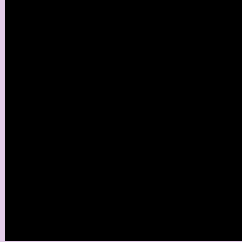
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.7700, 8.9874, 10.7257

Background



This preview shows how black text looks on a background with the YUV color 214.7700, 8.9874, 10.7257.



This preview shows how white text looks on a background with the YUV color 214.7700, 8.9874,

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

214.7700, 8.9874, 10.7257

Protanopia

213.3660, 11.6516, -3.8290

Deuteranopia

214.1610, 9.2876, 7.7518



Tritanopia

214.2060, 4.3354, 9.4663

Trichromacy



Original Color

214.7700, 8.9874, 10.7257

Protanomaly

214.1710, 10.7617, 1.6040

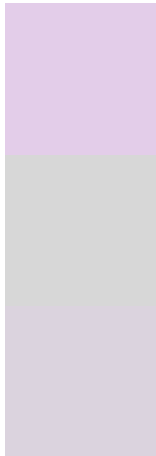
Deuteranomaly

214.4600, 9.1402, 8.3666

Tritanomaly

214.3740, 6.2246, 10.1960

Monochromacy



Original Color

214.7700, 8.9874, 10.7257

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.6460, 3.6255, 3.8185

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7700, 8.9874, 10.7257 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(227, 205, 233)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 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(227, 205, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 233) }
```

Border

The CSS property to change the border of an element to YUV 214.7700, 8.9874, 10.7257 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(227, 205, 233) }
```


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

```
.border{ border-color:rgb(227, 205, 233) }
```

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

Here you see how a box with a 4 pixel rgb(227, 205, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 233);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 214.7700, 8.9874, 10.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 205, 233) }
```

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

```
.background{ background-color: rgb(227,  
205, 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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