

Converting Colors

YUV(210.7970, -8.7739,
14.2100)

Have a look what the booklet for
YUV(210.7970, -8.7739, 14.2100)
contains.

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Color

**YUV(210.7970, -8.7739,
14.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CEC1
RGB	227, 206, 193
RGB Percent	89%, 81%, 76%
CMY	0.1098, 0.1922, 0.2431
CMYK	0.00, 0.09, 0.15, 0.11
HSL	23°, 38%, 82%
HSV	23°, 15%, 89%
XYZ	63.3755, 64.3238, 59.5276
YIQ	210.7970, 16.6890, 0.4090

Conversions

Conversions Part 2

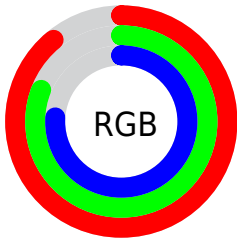
Format	Color
R_{YB}	227, 214, 193
Decimal	14929601
CIE Lab	84.13, 5.20, 9.11
CIE LCh	84, 10.489, 60.263
Yxy	64.3238, 0.3385, 0.3436
Android (android.graphics.Color)	4293119681 (0xFFE3CEC1)
YUV	210.7970, -8.7739, 14.2100
Hunter-Lab	80.2021, 0.6966, 12.1353

Details

The YUV color $210.7970, -8.7739, 14.2100$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $209.2030, 8.7739, -14.2100$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $156.3130, -8.0423, 12.8805$ is the 20% darker color. If you saturate the color by 10%, you get $199.9570, -14.7688, 23.7167$, and if you desaturate by 10%, it is $221.6370, -2.7790, 4.7034$.

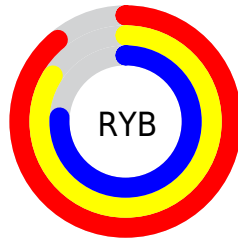
Distribution



Red (89%)

Green (81%)

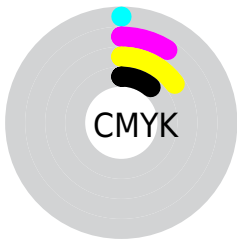
Blue (76%)



Red (89%)

Yellow (84%)

Blue (76%)

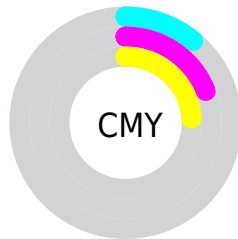


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (19%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7970, -8.7739, 14.2100 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 210.7970, -8.7739, 14.2100 by changing the saturation by 10% instead.


 210.7970, -8.7739,
14.2100


 210.7970, -8.7739,
14.2100


255.0000, 0.0000,
0.0000


 183.4980, -8.6265,
13.5953


 254.3160, -2.6208,
0.5999

 156.3130, -8.0423,
12.8805

 130.3130, -8.0423,
12.8805

 105.1280, -7.4581,
12.1657

 80.8290, -7.3107,
11.5510

 57.6440, -6.7265,
10.8362

 36.0460, -6.4317,

9.6067

■ 13.9430, -6.8739,
11.4510

■ 0.0000, 0.0000,
0.0000

■ 210.7970, -8.7739,
14.2100

■ 210.7970, -8.7739,
14.2100

■ 199.9570,
-14.7688, 23.7167

■ 221.6370, -2.7790,
4.7034

■ 189.2310,
-20.3269, 33.1234

■ 232.3630, 2.7790,
-4.7034

■ 178.3910,
-26.3218, 42.6301

■ 242.5190, 6.1531,
-13.6102

■ 167.5510,
-32.3166, 52.1368

■ 246.6280, 4.1274,
-17.2138

■ 156.7110,
-38.3115, 61.6435

■ 145.9850,
-43.8696, 71.0502

■ 135.1450,
-49.8645, 80.5568

■ 124.3050,
-55.8594, 90.0635

■ 118.9420,
-58.6384, 94.7669

Harmonies

Analogous

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



211.6170, -5.7272, 16.9989



210.7970, -8.7739, 14.2100



209.5250, -9.6258, 7.4326

Triad

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



210.7970, -8.7739, 14.2100



206.9440, 1.5066, -16.6139



210.7750, 7.9989, 1.0743

Complementary

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



210.7970, -8.7739, 14.2100



209.2030, 8.7739, -14.2100

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.



209.7630, 9.4838, -8.5622



210.7970, -8.7739, 14.2100



206.4860, 6.1694, -18.8432

Square

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



210.7970, -8.7739, 14.2100



207.6090, -3.7512, -10.1811



208.3060, 9.2161, -16.0544



212.0920, 3.8986, 9.5663

Rectangle

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



210.7970, -8.7739, 14.2100



208.7200, -8.7360, 1.9996



208.3060, 9.2161, -16.0544



210.2800, 8.7360, -1.9996

Sweetspot

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



210.7970, -8.7739, 14.2100



250.3380, -2.6316, 4.0886



205.6740, 4.5977, 18.7029



124.8540, -1.9000, 2.7590



0.0000, 0.0000, 0.0000



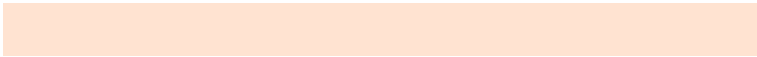
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.7970, -8.7739, 14.2100



233.3200, -11.9898, 19.0134



220.1890, -13.4042, 5.9732



109.5230, -3.2158, 4.8033



93.4370, -46.0644, 75.0388



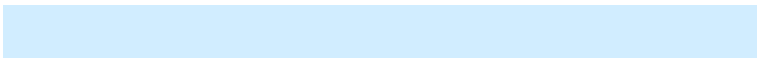
26.9890, -13.3056, 21.0576

Inverse Universe

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



209.2030, 8.7739, -14.2100



230.6800, 11.9898, -19.0134



199.8110, 13.4042, -5.9732



108.4770, 3.2158, -4.8033



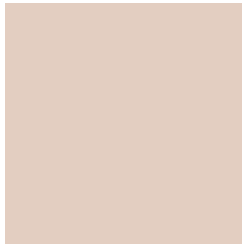
84.9760, 46.3538, -74.5240



24.0110, 13.3056, -21.0576

Previews

White Background



This preview shows how the YUV color 210.7970, -8.7739, 14.2100 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 210.7970, -8.7739, 14.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

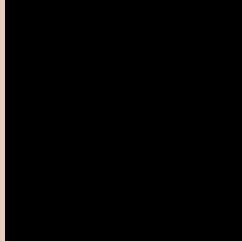
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.7970, -8.7739, 14.2100

Background



This preview shows how black text looks on a background with the YUV color 210.7970, -8.7739, 14.2100.



This preview shows how white text looks on a background with the YUV color 210.7970, -8.7739,

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

210.7970, -8.7739, 14.2100

Protanopia

209.7960, -7.2944, 6.3179

Deuteranopia

211.8410, -8.7956, 21.1874



Tritanopia

212.1960, 2.8614, 15.6141

Trichromacy



Original Color

210.7970, -8.7739, 14.2100

Protanomaly

210.2910, -8.0315, 9.3918

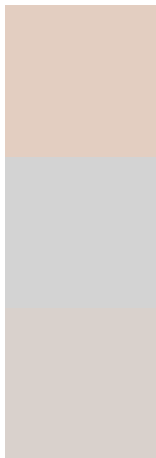
Deuteranomaly

211.5310, -8.6428, 18.8283

Tritanomaly

211.4580, -1.2118, 15.3843

Monochromacy



Original Color

210.7970, -8.7739, 14.2100

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.8220, -3.3632, 5.4181

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7970, -8.7739, 14.2100 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, 206, 193)` looks like.

```
.text, #text, p{  
    color:rgb(227, 206, 193)  
}
```

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, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 206, 193) }
```

Border

The CSS property to change the border of an element to YUV 210.7970, -8.7739, 14.2100 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, 206, 193) }
```


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

```
.border{ border-color:rgb(227, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(227, 206,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 210.7970, -8.7739, 14.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 206, 193) }
```

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

```
.background{ background-color: rgb(227,  
206, 193) }
```

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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