

Converting Colors

YUV(210.6660, -6.7373,
14.3249)

Have a look what the booklet for
YUV(210.6660, -6.7373, 14.3249)
contains.

YUV(210.6660, -6.7373, 14.3249)	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(210.6660, -6.7373,
14.3249)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CDC5
RGB	227, 205, 197
RGB Percent	89%, 80%, 77%
CMY	0.1098, 0.1961, 0.2275
CMYK	0.00, 0.10, 0.13, 0.11
HSL	16°, 35%, 83%
HSV	16°, 13%, 89%
XYZ	63.5879, 64.0248, 61.8299
YIQ	210.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

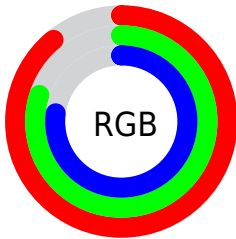
Format	Color
R _Y B	227, 208, 197
Decimal	14929349
CIE Lab	83.98, 6.36, 6.76
CIE LCh	84, 9.280, 46.738
Yxy	64.0248, 0.3357, 0.3380
Android (android.graphics.Color)	4293119429 (0xFFE3CDC5)
YUV	210.6660, -6.7373, 14.3249
Hunter-Lab	80.0155, 1.8260, 10.1960

Details

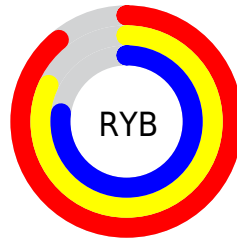
The YUV color $210.6660, -6.7373, 14.3249$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.3340, 6.7373, -14.3249$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $156.0680, -6.4425, 13.0954$ is the 20% darker color. If you saturate the color by 10%, you get $198.0650, -11.8640, 25.3760$, and if you desaturate by 10%, it is $223.2670, -1.6106, 3.2738$.

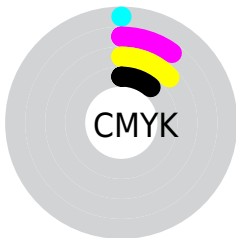
Distribution



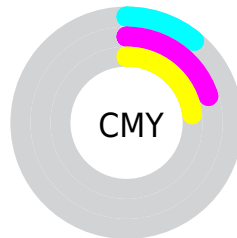
- Red (89%)
- Green (80%)
- Blue (77%)



- Red (89%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.6660, -6.7373, 14.3249 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 210.6660, -6.7373, 14.3249 by changing the saturation by 10% instead.

■ 210.6660, -6.7373,
14.3249

■ 210.6660, -6.7373,
14.3249

255.0000, 0.0000,
0.0000

■ 183.3670, -6.5899,
13.7101

254.8860, -0.4368,
0.1000

■ 156.0680, -6.4425,
13.0954

■ 130.1820, -6.0057,
12.9954

■ 104.8830, -5.8583,
12.3806

■ 80.5840, -5.7109,
11.7658

■ 57.3990, -5.1267,
11.0511

■ 35.8010, -4.8319,

9.8215

■ 13.6550, -6.7319,
12.5806

■ 0.0000, 0.0000,
0.0000

■ 210.6660, -6.7373,
14.3249

■ 210.6660, -6.7373,
14.3249

■ 198.0650,
-11.8640, 25.3760

■ 223.2670, -1.6106,
3.2738

■ 186.1650,
-16.8433, 35.8123

■ 235.1670, 3.3687,
-7.1625

■ 173.5640,
-21.9701, 46.8634

■ 246.6280, 4.1274,
-17.2138

■ 160.9630,
-27.0968, 57.9144

■ 149.0630,
-32.0761, 68.3507

■ 136.4620,
-37.2028, 79.4018

■ 123.8610,
-42.3295, 90.4529

■ 111.8470,
-47.7456, 100.9892

■ 103.6800,
-51.1142, 108.1516

Harmonies

Analogous

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



211.5890, -3.2484, 15.2694



210.6660, -6.7373, 14.3249



209.5900, -8.1789, 10.0066

Triad

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



210.6660, -6.7373, 14.3249



206.6950, -0.8356, -12.0105



209.7530, 8.0098, -2.4144

Complementary

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



210.6660, -6.7373, 14.3249



213.3340, 6.7373, -14.3249

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.



208.2250, 8.7631, -10.7213



210.6660, -6.7373, 14.3249



206.8130, 3.5432, -16.4990

Square

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



210.6660, -6.7373, 14.3249



207.5880, -5.2199, -5.7777



207.4370, 7.1796, -16.1692



210.9990, 4.9305, 5.2629

Rectangle

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



210.6660, -6.7373, 14.3249



208.8560, -8.3100, 5.3883



207.4370, 7.1796, -16.1692



209.2580, 8.7468, -5.4883

Sweetspot

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



210.6660, -6.7373, 14.3249



249.7510, -2.3422, 4.6034



208.4780, 5.1873, 16.2438



124.2670, -1.6106, 3.2738



0.0000, 0.0000, 0.0000



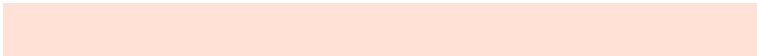
128.0000, 0.0000, 0.0000

Same Dimension

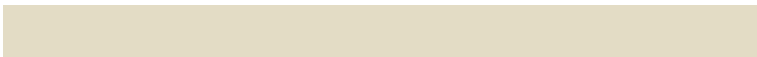
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.6660, -6.7373, 14.3249



232.7160, -9.2270, 19.5431



219.4710, -11.0782, 6.6029



108.3490, -2.6371, 5.8329



81.6970, -40.2766, 85.3347



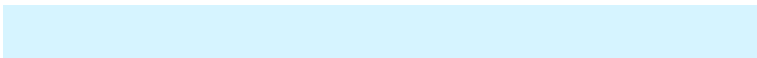
23.4670, -11.5692, 24.1464

Inverse Universe

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



213.3340, 6.7373, -14.3249



236.2840, 9.2270, -19.5431



204.5290, 11.0782, -6.6029



109.6510, 2.6371, -5.8329



97.3030, 40.2766, -85.3347



27.5330, 11.5692, -24.1464

Previews

White Background



This preview shows how the YUV color 210.6660, -6.7373, 14.3249 looks on a white background.

Color Contrast Check

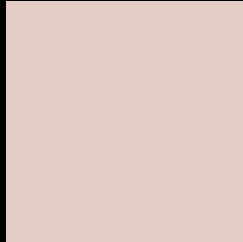
Large Text (above 18pt) WCAG AA × Fail

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 210.6660, -6.7373, 14.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

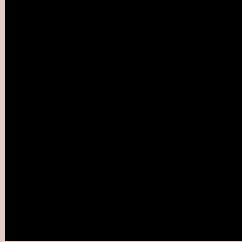
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.6660, -6.7373, 14.3249

Background



This preview shows how black text looks on a background with the YUV color 210.6660, -6.7373, 14.3249.

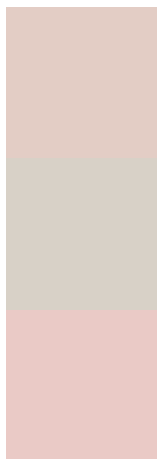


This preview shows how white text looks on a background with the YUV color 210.6660, -6.7373,

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

210.6660, -6.7373, 14.3249

Protanopia

209.9530, -5.3998, 5.3032

Deuteranopia

211.1120, -6.4642, 20.0728



Tritanopia

212.1960, 2.8614, 15.6141

Trichromacy



Original Color

210.6660, -6.7373, 14.3249

Protanomaly

210.4480, -6.1369, 8.3771

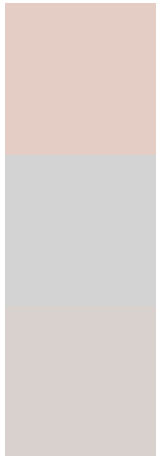
Deuteranomaly

210.8020, -6.3114, 17.7136

Tritanomaly

211.5720, -0.7750, 15.2844

Monochromacy



Original Color

210.6660, -6.7373, 14.3249

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.0500, -2.4896, 5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.6660, -6.7373, 14.3249 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 197) }
```

Border

The CSS property to change the border of an element to YUV 210.6660, -6.7373, 14.3249 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, 197) }
```


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

```
.border{ border-color:rgb(227, 205, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 210.6660, -6.7373, 14.3249 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, 197) }
```

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

```
.background{ background-color: rgb(227,  
205, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor