

Converting Colors

YUV(205.2250, -21.3099,
21.7277)

Have a look what the booklet for
YUV(205.2250, -21.3099, 21.7277)
contains.

YUV(205.2250, -21.3099, 21.7277)	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(205.2250, -21.3099,
21.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C9A2
RGB	230, 201, 162
RGB Percent	90%, 79%, 64%
CMY	0.0980, 0.2118, 0.3647
CMYK	0.00, 0.13, 0.30, 0.10
HSL	34°, 58%, 77%
HSV	34°, 30%, 90%
XYZ	60.0414, 61.2049, 42.8316
YIQ	205.2250, 29.8030, -5.9810

Conversions

Conversions Part 2

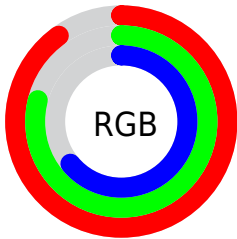
Format	Color
R _Y B	213, 230, 162
Decimal	15124898
CIE Lab	82.49, 4.50, 23.27
CIE LCh	82, 23.696, 79.063
Yxy	61.2049, 0.3659, 0.3730
Android (android.graphics.Color)	4293314978 (0xFFE6C9A2)
YUV	205.2250, -21.3099, 21.7277
Hunter-Lab	78.2336, 0.0834, 22.3032

Details

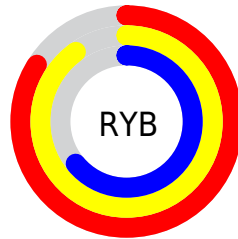
The YUV color $205.2250, -21.3099, 21.7277$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.7750, 21.3099, -21.7277$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.6680, -16.5983, 3.7992$, and $150.8550, -20.1415, 20.2982$ is the 20% darker color. If you saturate the color by 10%, you get $196.7330, -28.4624, 29.1752$, and if you desaturate by 10%, it is $213.7170, -14.1575, 14.2802$.

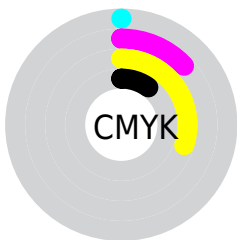
Distribution



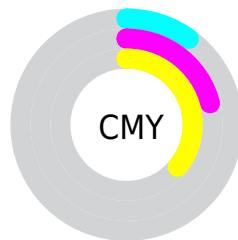
- Red (90%)
- Green (79%)
- Blue (64%)



- Red (84%)
- Yellow (90%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.2250, -21.3099, 21.7277 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 205.2250, -21.3099, 21.7277 by changing the saturation by 10% instead.

■ 205.2250,
-21.3099, 21.7277

■ 205.2250,
-21.3099, 21.7277

255.0000, 0.0000,
0.0000

■ 177.7410,
-20.5783, 20.3981

■ 250.6680,
-16.5983, 3.7992

■ 150.8550,
-20.1415, 20.2982

■ 253.9740, -3.9312,
0.8998

■ 124.4850,
-18.9731, 18.8687

■ 99.8870, -18.6783,
17.6391

■ 75.5170, -17.5099,
16.2096

■ 52.6200, -17.0677,
14.3653

■ 31.0760, -15.3205,

13.9653

■ 9.5130, -4.6899,
10.9511

■ 0.0000, 0.0000,
0.0000

■ 205.2250,
-21.3099, 21.7277

■ 205.2250,
-21.3099, 21.7277

■ 196.7330,
-28.4624, 29.1752

■ 213.7170,
-14.1575, 14.2802

■ 188.2410,
-35.6148, 36.6226

■ 222.2090, -7.0050,
6.8327

■ 180.3360,
-43.0566, 43.5553

■ 230.1140, 0.4368,
-0.1000

■ 171.8440,
-50.2091, 51.0028

■ 238.6060, 7.5892,
-7.5475

■ 163.3520,
-57.3615, 58.4503

■ 244.5900, 5.1321,
-12.7954

■ 154.8600,
-64.5140, 65.8978

■ 247.5250, 3.6852,
-15.3694

■ 146.3680,
-71.6664, 73.3453

■ 146.2540,
-72.1032, 73.4452

Harmonies

Analogous

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



207.1540, -16.8379, 34.0679



205.2250, -21.3099, 21.7277



202.5710, -19.5085, 3.8842

Triad

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



205.2250, -21.3099, 21.7277



196.2870, 11.1975, -44.9787



208.8290, 12.9023, 15.0590

Complementary

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



205.2250, -21.3099, 21.7277



186.7750, 21.3099, -21.7277

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.



205.9340, 20.2455, -6.9581



205.2250, -21.3099, 21.7277



197.5890, 19.9226, -43.4896

Square

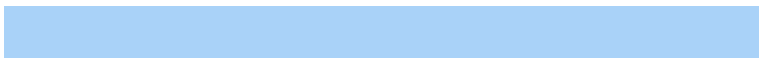
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205.2250, -21.3099, 21.7277



197.8510, -0.9125, -34.0723



202.0730, 22.6420, -29.0050



209.1810, 2.3758, 31.4133

Rectangle

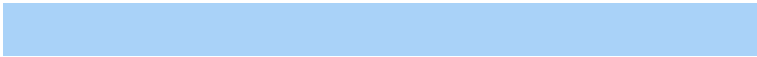
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205.2250, -21.3099, 21.7277



200.6340, -15.1026, -9.3260



202.0730, 22.6420, -29.0050



208.1810, 15.6868, 8.6113

Sweetspot

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



205.2250, -21.3099, 21.7277



246.5080, -7.1524, 7.4475



185.6380, 2.6435, 38.9055



122.7680, -4.8156, 4.5885



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.



205.2250, -21.3099, 21.7277



222.5480, -27.8782, 28.4604



220.7530, -28.9652, 3.7246



110.6970, -3.7946, 3.7737



113.3950, -55.9037, 57.5356



32.2720, -15.9101, 16.4245

Inverse Universe

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



186.7750, 21.3099, -21.7277



198.4520, 27.8782, -28.4604



171.2470, 28.9652, -3.7246



107.3030, 3.7946, -3.7737



65.0180, 56.1931, -57.0208



18.7280, 15.9101, -16.4245

Previews

White Background



This preview shows how the YUV color 205.2250, -21.3099, 21.7277 looks on a white background.

Color Contrast Check

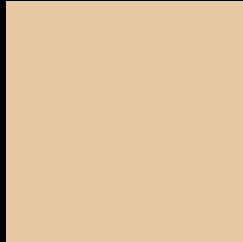
Large Text (above 18pt) WCAG AA × Fail

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 205.2250, -21.3099, 21.7277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

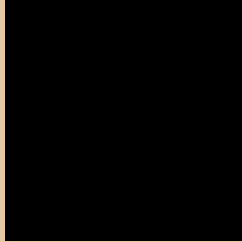
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.2250, -21.3099, 21.7277

Background



This preview shows how black text looks on a background with the YUV color 205.2250, -21.3099, 21.7277.



This preview shows how white text looks on a background with the YUV color 205.2250, -21.3099,

21.7277.

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

205.2250, -21.3099, 21.7277

Protanopia

204.2130, -19.8250, 12.0912

Deuteranopia

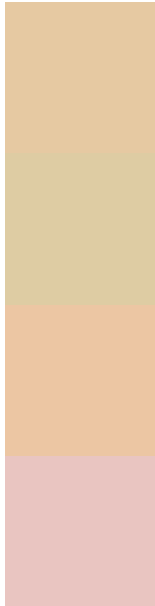
205.9810, -21.1896, 29.8347



Tritanopia

208.0830, 0.9451, 23.6062

Trichromacy



Original Color

205.2250, -21.3099, 21.7277

Protanomaly

204.7080, -20.5620, 15.1651

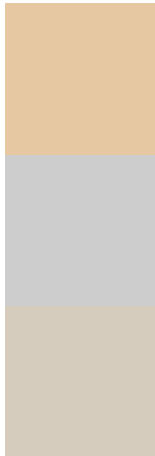
Deuteranomaly

205.3720, -20.8894, 26.8608

Tritanomaly

207.3080, -7.0538, 22.5319

Monochromacy



Original Color

205.2250, -21.3099, 21.7277

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.2800, -8.0260, 7.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.2250, -21.3099, 21.7277 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(230, 201, 162)` looks like.

```
.text, #text, p{  
    color:rgb(230, 201, 162)  
}
```

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(230, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 162) }
```

Border

The CSS property to change the border of an element to YUV 205.2250, -21.3099, 21.7277 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(230, 201, 162) }
```


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

```
.border{ border-color:rgb(230, 201, 162) }
```

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

Here you see how a box with a 4 pixel rgb(230, 201, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(230, 201,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 205.2250, -21.3099, 21.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 162) }
```

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

```
.background{ background-color: rgb(230,  
201, 162) }
```

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