

Converting Colors

YUV(221.2150, -9.4730, 5.0734)

Have a look what the booklet for
YUV(221.2150, -9.4730, 5.0734)
contains.

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Color

**YUV(221.2150, -9.4730,
5.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DECA
RGB	227, 222, 202
RGB Percent	89%, 87%, 79%
CMY	0.1098, 0.1294, 0.2078
CMYK	0.00, 0.02, 0.11, 0.11
HSL	48°, 31%, 84%
HSV	48°, 11%, 89%
XYZ	68.4605, 72.8377, 66.3279
YIQ	221.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

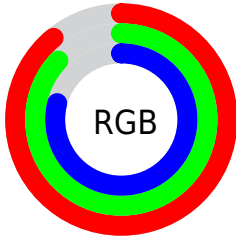
Format	Color
R _Y B	208, 227, 202
Decimal	14933706
CIE Lab	88.37, -1.67, 10.41
CIE LCh	88, 10.541, 99.133
Yxy	72.8377, 0.3297, 0.3508
Android (android.graphics.Color)	4293123786 (0xFFE3DECA)
YUV	221.2150, -9.4730, 5.0734
Hunter-Lab	85.3450, -6.1679, 13.6628

Details

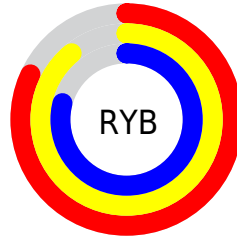
The YUV color $221.2150, -9.4730, 5.0734$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.7850, 9.4730, -5.0734$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.3290, -9.0362, 4.9735$ is the 20% darker color. If you saturate the color by 10%, you get $215.6580, -18.0724, 9.9469$, and if you desaturate by 10%, it is $226.7720, -0.8736, 0.2000$.

Distribution



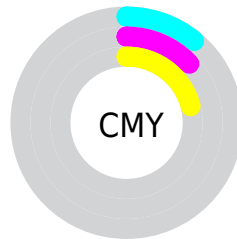
- Red (89%)
- Green (87%)
- Blue (79%)



- Red (82%)
- Yellow (89%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.2150, -9.4730, 5.0734 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 221.2150, -9.4730, 5.0734 by changing the saturation by 10% instead.

■ 221.2150, -9.4730,
5.0734

■ 221.2150, -9.4730,
5.0734

255.0000, 0.0000,
0.0000

■ 193.3290, -9.0362,
4.9735

■ 166.3290, -9.0362,
4.9735

■ 140.0300, -8.8888,
4.3587

■ 114.1440, -8.4520,
4.2587

■ 89.9590, -7.8678,
3.5440

■ 66.3720, -7.5784,
4.0588

■ 44.1870, -6.9942,

3.3440

■ 23.0300, -8.8888,
4.3587

■ 0.0000, 0.0000,
0.0000

■ 221.2150, -9.4730,
5.0734

■ 221.2150, -9.4730,
5.0734

■ 215.6580,
-18.0724, 9.9469

■ 226.7720, -0.8736,
0.2000

■ 210.8020,
-26.5244, 14.2056

■ 231.6280, 7.5784,
-4.0588

■ 205.2450,
-35.1238, 19.0791

■ 235.4750, 9.6258,
-7.4326

■ 200.2750,
-44.0126, 23.4378

■ 237.8230, 8.4683,
-9.4918

■ 194.8320,
-52.1752, 28.2113

■ 240.7580, 7.0213,
-12.0658

■ 189.8620,
-61.0640, 32.5700

■ 243.1060, 5.8637,
-14.1250

■ 184.3050,
-69.6634, 37.4435

■ 246.0410, 4.4168,
-16.6990

■ 179.3350,
-78.5522, 41.8022

■ 246.6280, 4.1274,
-17.2138

■ 174.7070,
-86.1306, 45.8610

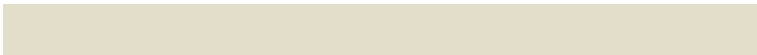
Harmonies

Analogous

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



222.5580, -9.6421, 12.6656



221.2150, -9.4730, 5.0734



219.8440, -6.8251, -4.2482

Triad

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



221.2150, -9.4730, 5.0734



219.1270, 7.3324, -18.5284



224.0600, 2.4354, 12.2254

Complementary

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



221.2150, -9.4730, 5.0734



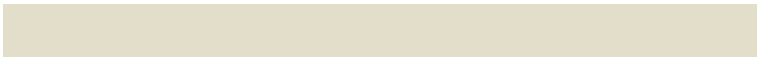
207.7850, 9.4730, -5.0734

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.



223.1560, 6.8251, 4.2482



221.2150, -9.4730, 5.0734



220.4310, 9.6475, -14.4100

Square

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



221.2150, -9.4730, 5.0734



218.6880, 3.1118, -18.1434



222.0730, 9.3310, -6.2030



223.8280, -2.3802, 16.8138

Rectangle

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



221.2150, -9.4730, 5.0734



219.4950, -4.1880, -10.0811



222.0730, 9.3310, -6.2030



223.5050, 4.1880, 10.0811

Sweetspot

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



221.2150, -9.4730, 5.0734



252.9140, -2.9156, 1.8294



210.0450, -1.5012, 14.8695



126.1420, -2.0420, 1.6295



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.



221.2150, -9.4730, 5.0734



247.1290, -12.3886, 6.9029



221.7580, -9.7407, -2.4188



111.8710, -4.3734, 2.7441



137.4620, -67.7688, 36.4288



39.3160, -19.3828, 10.2469

Inverse Universe

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



207.7850, 9.4730, -5.0734



229.2840, 12.6780, -6.3881



206.9430, 9.8881, 1.8040



106.1290, 4.3734, -2.7441



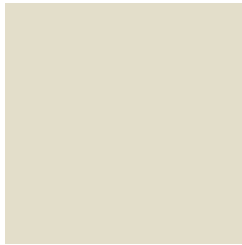
41.5380, 67.7688, -36.4288



11.6840, 19.3828, -10.2469

Previews

White Background



This preview shows how the YUV color 221.2150, -9.4730, 5.0734 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 221.2150, -9.4730, 5.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

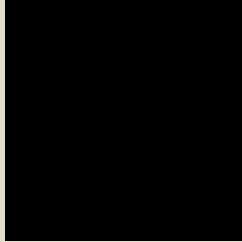
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

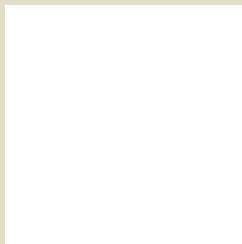
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.2150, -9.4730, 5.0734

Background



This preview shows how black text looks on a background with the YUV color 221.2150, -9.4730, 5.0734.

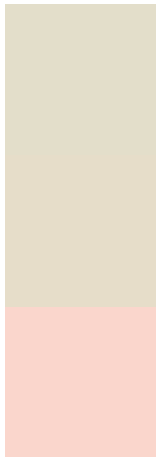


This preview shows how white text looks on a background with the YUV color 221.2150, -9.4730,

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

221.2150, -9.4730, 5.0734

Protanopia

221.4110, -10.0626, 7.5326

Deuteranopia

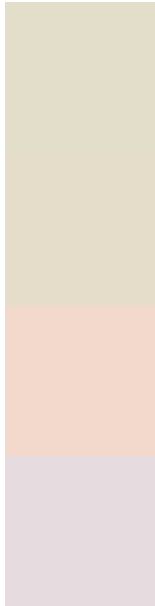
223.6240, -9.6746, 23.1318



Tritanopia

223.4230, 5.2145, 7.5220

Trichromacy



Original Color

221.2150, -9.4730, 5.0734

Protanomaly

221.1120, -9.9152, 6.9178

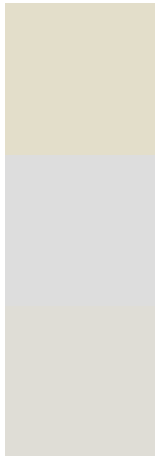
Deuteranomaly

222.8790, -9.8003, 16.7691

Tritanomaly

222.6310, -0.3111, 6.4626

Monochromacy



Original Color

221.2150, -9.4730, 5.0734

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8000, -3.3524, 1.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.2150, -9.4730, 5.0734 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, 222, 202)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 202)  
}
```

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, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 202) }
```

Border

The CSS property to change the border of an element to YUV 221.2150, -9.4730, 5.0734 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, 222, 202) }
```


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

```
.border{ border-color:rgb(227, 222, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 202);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 221.2150, -9.4730, 5.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 202) }
```

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

```
.background{ background-color: rgb(227,  
222, 202) }
```

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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